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GUIDE TO THE LITERATURE OF BOTANY.

**INDEX SOCIETY.
PUBLICATIONS, 1880.**

VIII.

#

GUIDE
TO THE
LITERATURE OF BOTANY;
BEING
A CLASSIFIED SELECTION OF BOTANICAL WORKS,
INCLUDING NEARLY 6000 TITLES NOT GIVEN IN
PRITZEL'S 'THESAURUS.'

BY
BENJAMIN DAYDON JACKSON,
SECRETARY OF THE LINNEAN SOCIETY.

LONDON:
PUBLISHED FOR THE INDEX SOCIETY
BY LONGMANS, GREEN & Co., 39, PATERNOSTER ROW,
AND DULAU & Co., 37, SOHO SQUARE.

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HERTFORD:
STEPHEN AUSTIN AND SONS, PRINTERS.

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PREFACE.

THIS work, so long announced, is at last completed. Begun three years ago, and at first interrupted by ill-health and other causes, for the last twenty months it has been the subject of continuous labour.

When I undertook the task of compiling a *Guide to the Literature of Botany* within the compass of a few months, I much underrated the magnitude of the task I had set myself to do. In common with most people, I believed Pritzel's *Thesaurus* to be practically complete to the end of 1871; I fancied therefore I had but to select from that storehouse, add the titles of such new books as had since appeared, and arrange the whole in the order of subjects. The delay in the issue of the present work is chiefly due to the unlooked-for heavy labour which was found necessary to produce a result which could be deemed satisfactory.

The history of my work is as follows. Having agreed to compile a classified subject-index of short titles, I began by extracting from Pritzel such as I thought should be included. In order to attain the brevity necessary to compress my subject within the limits of about two hundred pages, I decided to reject certain classes of works, unless some special reason should plead for their retention. Thus I shut out the greatest portion of introductory works in foreign languages, theses, lectures, inaugural dissertations, works of more medical than

botanical interest, and foreign local floras of narrow boundaries; I rarely gave two works by the same author on the same subject, but selected that one I thought most advisable. For example, Dr. Engler has produced a thesis, and a monograph, of the genus *Saxifraga*; I have included the latter but not the former. Of course the selection is not of easy accomplishment; I have endeavoured to judge every case on its own merits, and where I could hardly decide on certain doubtful books, I have chosen to err on the side of inclusion rather than the reverse. I have given Belt's *Naturalist in Nicaragua*, but excluded its confessed model, Bates's *Naturalist on the Amazons*, purely on these grounds. In doing this, I had to consider whether the amount of botanical information given was sufficient to warrant the citation of the book. Another point was, what were to be considered independent publications? I laid down these two canons: the possession of separate pagination, and a full title-page; the existence of both of these was essential for the right of any tract to be included in the *Guide*. I have explained some of these matters elsewhere,¹ and need not here repeat much of what I have already spoken. In a few instances I have found it needful to relax the stringency of my rules, but such cases are not common. I have chosen to be sometimes inconsistent, for the sake of including an important work, which would have been shut out by rigorous observance of these rules.

The aim I set before myself was to give all the works likely to be wanted by my fellow-countrymen, either for a knowledge of their own botanical literature, local and colonial floras, or for trade; keeping specially in view those districts likely to be visited by the traveller from these shores. I have

¹ Trimen's *Journal of Botany*, 1880, pp. 167-177.

gone entirely outside these limits whenever I have found books not enumerated by Pritzel; those, therefore, who only require a supplement to the *Thesaurus* will find it in this volume, whilst the majority of readers will be glad of the systematic arrangement.

I have mentioned Pritzel's *Thesaurus* as my chief source of information, and have given expression to my warm appreciation of the work, in the article already referred to; in addition to this, I have searched the libraries of the Royal Herbarium, Kew; the Linnean Society, including the collection of Linnaeus himself; the National Herbarium, British Museum, now removed to South Kensington; the Royal Microscopical Society; the Banksian Tracts, numbering 720 volumes; and the Lindley Library. I have also diligently made use of the private stores of many friends, and hunted up works named on title-pages, in footnotes, in quotations, and in advertisements. I have worked through the half-yearly parts of the *Bibliotheca Historico-naturalis* from its commencement in 1862 to the first Heft of 1880, which reached me a few days before the printing of the Addenda; the various issues in this country of Bent's *Monthly Literary Advertiser*, the *Bookseller*, and the *Publishers' Circular*. Catalogues of other libraries and booksellers have been carefully gone through, and the arduous task of comparing the titles so obtained, either with the books themselves, or trustworthy authority, has been chiefly performed at the British Museum; there for many months I have made daily use of such helps as Kayser, Heinsius, Lorenz, Quérard, and other bibliographical authorities. I have not attempted a systematic overhauling of the more than 2200 volumes of the Museum Catalogue, for this reason, that the results would hardly be proportionate to the formidable task, the National

Library being decidedly weak in scientific books, even of our own country, between 1820, the year when the library of Sir Joseph Banks ceased to grow, and 1850, when the provisions of the Copyright Act became somewhat of a reality.

During the time this book has been in preparation, my plans have perforce undergone considerable alteration. Instead of a few hundreds of titles additional to Pritzel, I have named nearly six thousand main-titles, exclusive of the new editions of previously published works. It is difficult to preserve consistency during so long a stretch of time, and when the original plans have required so much alteration; I believe, however, that I have not greatly erred in that respect. The *Guide* is meant to be SUGGESTIVE, not EXHAUSTIVE; it does not claim to be a complete bibliography of the subject, but to indicate the general drift of the 9,000 and odd books enumerated. The short titles will, it is believed, give the scope of each book, eked out by its sectional position; works mentioned in Pritzel can be readily identified by reference thereto, and when not in that authority, the titles are given at rather greater length, especially in the awkward class of anonymous publications. I have shortened the titles rather by omission of parts than by mutilation, and have tried to give such abbreviated titles as would be used in common parlance, or casual reference. In well-known books a single word, or even less than a single word, suffices; to the initiated "DC. Prod." takes the place of two or more lines of print; if I were to cite "Mueller's Befruchtung durch Insekten," no one would mistake my meaning, although that citation is a fragment of the title, without any hint of the suppression of some of the words in it, and must not be taken as a sample of my method.

I have also given the initials only of each author, unless, as

in the case of the Jussieus, more information was requisite; I have likewise omitted repeating the size of each edition, when there was no difference between them. The abbreviations used will, I believe, not give any trouble; the place of publication is frequently, and, as in the case of London, almost always shortened; no one will go astray in the matter of Lond. for London or Londini, Kjoeb. for Kjøbenhavn, or Lips. for Lipsiae. Other frequently-recurring contractions are, for instance—pl. for plantarum, sometimes also standing for plantae, plantes, plantas, plants; *Entwicklungsgeschichte* is invariably expressed by Entw., which also occasionally stands for *Entwicklung* simply; cat. for catalogus, and its modifications catalogue, catalogo, will also be known at once; and the occasional shortening of other words, familiar in so many book-lists, as not to need a tabular recital of them.

The size of the various books must be regarded as only crudely hinting at the size of shelf demanded by the respective volumes. With the varying sizes of paper now in use, the number of pages to each sheet is wholly misleading; many modern octavos exceed the present volume in size, which ranks as a quarto, and so with the other denominations.

I have adopted the plan of spelling out the common diphthongs and modified vowels, æ, œ; ä, ö, ü; ø; as æ, œ; æ, œ, ue; oe; I have not ventured to do so with the Swedish å nor Hungarian ő, being unable to recall any weighty precedent for so doing. Some may think it rash to adopt this procedure, which has not obtained universal practice, but I am quite ready to defend my course of action herein; had I chosen otherwise, the same name must have figured in more than one place, for instance, Ørsted, Örsted, CErsted, Oersted, all used for one and the same writer in various catalogues and title-

pages. Much of the current squeamishness arises from want of familiarity with the thing itself; many persons, who would shrink from writing Göthe, are horrified at the sight of fuer for für; they are used to the French mode of printing Goethe, and to seeing the Cæsar of their school-days written out Caesar, but they lack the courage of following these indications to their logical consequences. Originally these modified vowels, ä, ö, ü, were shown, not by the diaeresis, but by a small e written above the principal letter; the mode adopted in this volume is therefore merely a common-sense practice, and also one which is gaining ground every day.

Titles given in *italics* are translations or transliterations from Russ, Greek, and other languages not using the Roman letters; my objection to printing the titles in their original characters was, that the authors' names would not range in the single index proposed; a multiplicity of indexes, one for each language, being an unmitigated nuisance. The transliteration of Russian names is not easy, as we find sometimes the same man or place differently rendered; for instance, Kieff, Kiew, Kiev; or Wjatka, Wiatka, Viatka. In many cases the transliteration is done by German-speaking people, and where this is known and accepted generally, it is cited by me, thus Maximowicz instead of Maximovitch, as it would be rendered into English equivalents.

As far as it was possible, I have adhered to the names of the authors as used in their own vernacular. The unwarrantable and indefensible translation of proper names cannot be too severely censured or unsparingly put down. This vicious taint seems to be most strongly developed in the French and German languages, so much so, that when their writers try to break away from their bad traditions they appear to be unable to free

themselves wholly from it. For example, in the last edition of Morren's *Correspondance botanique* may be seen "Dr. Horace Comes" and "Georges Bidie, Esq." In the present volume, Dr. Comes appears with the initial of his name Orazio, and probably both the authors named would repudiate the transmogrification performed, given too in a work which is practically international, and which quotes the English title of "Esq.," but transforms the Christian name "George" into the French dissyllable "Georges." I have equally strong opinions as to the folly of translating names of places; accordingly, unless a long-established name, like Vienna, exists, I give the local name in its integrity. I am thankful to be able to feel that the English sin least of all their neighbours in this matter, and where they do go wrong, it is by following French or German influence; to take the case of the city just mentioned, Vienna is certainly derived from Wien, through the French Vienne.

It is centuries too late to contend against the practice of translating names like William and Wilhelm into Gulielmus, or Karl into Carolus. I mention it here, because the same writer appears with varying initials sometimes. F. A. Willems Miquel when writing Dutch, becomes F. A. Gulielmus Miquel when sending forth a Latin work. The only serious complaint I have to make against Pritzel is his invariably spelling Carl, Conrad, Constantin, with a K, without paying any attention as to the practice of the owners of the names; one ludicrous result of this ill-advised habit has been pointed out in my article already quoted.

In the index I have used what appear to me to have been the names of the respective authors as used by them in their later years. Any increase of name, such as Brisseau-Mirbel,

from the plain Mirbel, is given with proper cross-reference from the simple name. The prepositions, which when in Latin stand as *de*, *a*, *ab*, are likewise reduced to their proper equivalents, for instance, Nees *ab* Esenbeck becomes Nees *von* Esenbeck. A few errors in the initials of authors' names being rectified in the Index, are not specified in the Corrigenda.

Authors sometimes cause some amount of doubt as to their identity by varying their usage of the initials of their names; thus, A. H. R. Grisebach usually styled himself A. Grisebach simply. I think it greatly to be wished that writers would give full information of themselves on their title-pages, but that is, I fear, too much to expect. A still more unpleasant habit is that of wholly omitting all initials whatsoever; the French are greatly addicted to this form of vanity, the M. sometimes standing for Michel or Marc, but in the vast majority of cases for Monsieur. Why cannot they abbreviate Monsieur into Mr. as they do Docteur into Dr., and as other people do? It is delightful to find this vanity sometimes overreach itself; a certain person having written an account of the flowering plants found near Toulouse, thought himself of sufficient importance to sign his name at the foot of his preface simply "Robert"; the result is that he remains an undistinguished Robert to this day.

Church dignitaries are very apt to use their official title, in lieu of any initial; for example, I do not know the initials of "l'abbé Boulay"; in the index he, with many similar instances, has to remain with a blank after his name.

It has been impossible to examine all the books named herein; many of them have probably never reached this country, others are privately or locally printed, and many are of that

ephemeral class, school-books. Elementary works are not as a rule to be found in the botanical libraries which usually are appendages to herbaria; they would be out of place there, and would uselessly take up valuable space. We can only by chance find them in various hands, and our information as to new editions, and the like, must be obtained from the publishers' lists or contemporaneous criticism. The British Museum cannot demand a copy of a mere reprint, hence I have often had to search in other quarters for such information as I could not gain there. I have rejected unhesitatingly every title which I believed to be erroneous or defective; about two hundred titles are still in my hands which could not be used on account of imperfections. Take, for instance, "W. Gardiner's *Catalogue of British Mosses, Ed. 3. price 2d.*"; this was advertised by Longmans, but I can learn nothing more about it; it was probably a broadside, and published between 1840 and 1850, but the absence of certain information compels me to omit it, with many similar cases.

In admitting titles at secondhand, even with every precaution adopted to guard against copying mistakes, there is increased risk of errors creeping in. Some authors contrive titles seemingly of set purpose to entrap the unwary; a fine example of this pious fraud is in the case of Bishop Alex. Ewing's *Feamainn Earraghaidhiell; Argyllshire Seaweed*. Glasgow, 1872. 8°. To enhance the delusion the coloured wrapper is ornamented with some of the common marine algae, but the inside of the volume consists solely of pastoral addresses. As another example take this, *Flowers from the South, from the Hortus Siccus of an old Collector. By W. Hyett, F.R.S.*, instead of a popular work on the Mediterranean flora, by a scientific man, as might be looked for, this is a quarto volume

of translations from the Latin and Italian poets. It will surprise no one to be informed that both the foregoing have been ranked as scientific treatises, by the compiler of the *Bibliotheca Historico-naturalis*; I consider the blame must be charged against the perpetrators of these misleading titles. Another mistake, far less easily condoned, may be found in the *Bookseller* for May, 1879, p. 431, where *Florilegium amantis*, a selection by Mr. Richard Garnett from the poems of Coventry Patmore, is gravely set down as a botanical book! The same journal has this statement on page 36 of this month's issue (Jan. 1881): *Calpensis (Flora)*; *Reminiscences of Gibraltar*, etc. This is probably a new edition (which I have not seen) of Kelaart's *Flora calpensis*, mentioned on page 340. Again, a blundering title like that of Keith's, given on page 484, with a note concerning it, may easily be misunderstood, especially if it occur in a language with which the compiler is imperfectly acquainted.

I might extend this list to a considerable extent; but I will only mention one other error I have met with. This announcement, "Passagio G., *Delle crittogame alle fanerogame*," hardly suggests the actual title which is cited on page 108, and should be Massalongo, *Graduale passaggio delle crittogame*, etc. This is a step beyond the kind of blunder referred to by Mr. Wheatley (*What is an Index?* p. 67), as occurring in Carus and Engelmann's *Bibliotheca Zoologica*; — *Schreiben, Schriften*, and the like.

In taking titles from the various publishers' journals, there must always be some risk towards the end of each year, of giving a date which may differ by an unit from that on the title-page of the book itself; this liability arises from the trade-practice of dating forward; I have given the titles of

something like twenty publications bearing date of 1881, the whole of which were actually sent out before the close of 1880, and, with two exceptions, all were actually in my hands last year. I have included no work which has been published since New Year's Day of this year; my volume is therefore practically complete to the end of 1880, although probably many foreign and colonial publications might rightfully claim admittance, which have been shut out on account of distance and the time of transit.

So far we have considered the case of independent works; of course the literature of any subject is largely made up of articles in Journals and Societies' publications, which in many cases form the most important contributions to special subjects. But it was clearly impossible for me to include all magazine articles in this volume; I have therefore given a list of the principal sources of information on this head, and there must leave it, however much I may regret to pass by in silence such important essays as Dr. (now Sir) J. D. Hooker's *Distribution of Arctic Plants*, in the Linnean Society's Transactions, or the various contributions on the flora of Rodriguez and Kerguelen, in the Philosophical Transactions.

After selection of the books themselves came the arrangement under subjects. The task was one of abundant difficulty, so much so that I would never again attempt a catalogue which was primarily a classified list. Were I again to engage in any extensive bibliographical labour I would steadily adhere to the practice of ranging the works under an alphabetical sequence of authors' names; this course minimizes trouble, and chances of error as to names and dates. As a consequence of my systematic arrangement, I found it extremely difficult to refer to my previous collections, thus

necessitating additional labour in transcribing, sorting, and finally rejecting close upon three thousand duplicate titles. If I had been able to arrange my titles under authors, instead of subjects, many weeks' work in the aggregate would have been spared me. As a key to the various subjects I would have an ample index, not framed in the somewhat cumbrous fashion adopted in both editions of Pritzel, but more in the manner of Mr. B. R. Wheatley's Index to the *Catalogue of the Library of the Medical and Chirurgical Society*.

The arrangement I have adopted is that, which, after much consideration, seemed best. I had to avoid increasing the bulk of this volume unnecessarily, already more than twice the size at first intended, and therefore shunned cross-references as much as possible. Many books, treating of several departments of botany, might fitly have gone in several sections. In a few cases where I was unable to decide the point, which subject was preponderant, I have given the book in more than one section; as an example, see Reinsch's *Contributiones in algologiam et fungologiam*, on pages 156 and 164. In using this volume, therefore, the reader must remember that the grouping is a very rough one, and that he must refer also to kindred subjects, if he would profit fully. As titles are often insufficient and even misleading, I may have placed some books in sections different from those I might have chosen had I been able to refer to the books themselves. Slight divisions of subjects are usually marked-off by a rule.

In each section the order is mainly chronological, but the date of the last edition of each work is made to determine its position in the roll; this arrangement was adopted to enable each author in question to adduce his latest views. I will not trouble the reader with a somewhat complex code of regula-

tions, which I drew up for my own guidance; a simple outline will suffice.

Sections 1 and 2 hardly need any explanation; Biography consists entirely of works not given by Pritzel. Section 8, Nomenclators, are practically lists of names, with indications of the authors of them. Ante-Linnean Botany is divided into three sections—Biblical, Classical, and what I have, for lack of a better name, styled Early Modern. Section 13 consists of Elementary Works, and here are most of the school-books, continued in section 14, Lectures, and Wall Diagrams in the following section. Physiological and Morphological Botany is divided into many sections; General Treatises being first recounted, we pass on to The Cell and its various contents, such as Protoplasm, Chlorophyll, Starch, and similar compounds. Next, what I have called Nutrition, and certain phenomena of vitality, with the working of Heat, Light, Electricity on the plant; Growth, and the Motion of Fluids; the Tissues and Organs in General. Next are ranged the Organs in Particular, beginning at the Root and going on by the Axis, the Leaf with its modifications, the Laticiferous vessels, Bud-formation, the Bark with its appendages, the Stem and Inflorescence, this last term being understood to include the flower itself, then subdivided into the various parts of the flower, and its changes into the seed. Germination is treated of in section 31, and the carnivorous plants are included in section 32. The phenomena of Reproduction are next considered,—the Species question, Fertilization, with its attendant Hybridization, and Accommodation to surrounding circumstances. The development of Colour and special products are in sections 37-8. Then follow Plant Diseases and monstrous growths, which so greatly help our knowledge of the signifi-

cance of the various plant-organs, passing on to the chemical constituents of plants, and divers other appearances.

Section 43 is devoted to the morphological development of different groups, and then we arrive at works descriptive of phanerogamic species, the Laws of Nomenclature constitute a short section, and then Monographs of flowering plants are enumerated. This title has been objected to as not affording an accurate description of its contents; my explanation is, that where separate groups, or even species are described, they are ranged here, although many of the treatises are far from being exhaustive, on the genus or other division to which they refer. Those critics who most strongly objected to my use of the term Monographs were quite unable to suggest an alternative name which should take its place; their objections may therefore be set aside, without any hesitation. I am quite ready to share with Pritzel any blame which can possibly attach to such use of the word; after that term has been used during a whole generation in precisely my sense of its meaning, it is useless to carp at it as if it were a novelty of my own fabrication.

I have dealt with Cryptogams, first in general, then in detail; Vascular Cryptogams, Ferns, Mosses, Algae, Lichens, and Fungi; these last having been again divided. Much of what has been written within the last decade on Fungi as parasitic on animals and the cause of disease, has more affinity with medical, than botanical literature. Monographs of Fungi next follow, under the group-names given by the authors themselves. I have not attempted any scheme of classification, as at the present time systems are constantly changing, whilst the alphabet does not; such names as *Oidium* are therefore not banished, as some ardent modern mycologists would wish.

Fossil botany is dealt with in section 56, and Local Palaeobotany follows next. I have preferred to keep these sections together rather than refer the subjects of section 57 to the latter part of the volume; indeed, these sections stand apart by themselves, and approximate to geology. Economic Botany, Food and Forage Plants, Luxuries like Tea and Tobacco, and Medicinal Plants follow; then Forestry, and Fibrous Plants and sundries, bring us to Poems on botanical subjects, Almanacks, and Emblems. Instructions as to gathering, preservation, and use of specimens, forms section 71, and that leads us to books of local importance.

Beginning with Geographical Distribution in its world-wide sense, we find Voyages, or accounts of the productions of more than one division of the globe. Local Floras are divided, first into the great divisions of the world, Europe, Africa, America, Asia, and Australia and Oceania. Following my usual rules, the works in each division are arranged, (*a*) Complete floras of the whole; (*b*) Monographic floras of the whole, as for instance, the Grasses of the country, passing from phanerogams to cryptogams, as set forth in the sections devoted to them; (*c*) Complete floras of partial areas, for example, the *northern* part of the district; finally, the separate local floras arranged alphabetically. There is one marked exception to the alphabetic rule, namely, Europe is put first, and Great Britain and Ireland, first of the European States; the rest follow from Austria to Switzerland, the Arctic Regions forming a sort of No-mans-land. Greece and Turkey are put into one section, as political events now happening may soon alter the present division of territory; here also I have placed the south-eastern principalities like Montenegro, simply as matter of convenience, so as not to multiply sections without due cause.

Denmark is arranged with Scandinavia; Iceland is allotted a separate position, as it would have been absurd to rank it with the Scandinavian peninsula; Elsass and Lothringen will be found in Germany. Africa; North, Central, and South America, and then Asia; China and Japan are here grouped together, whilst India forms an important item; after the local floras I have quoted the Official Forest Reports; this list is not complete, but I have cited all that I have seen, quite sufficient to guide an inquirer who may wish for additional information; Adm. is used in this section briefly for *Administration*. The East Indian Archipelago is placed at the end of the continental Asiatic floras, and leads us on naturally to Australia and Oceania.

Botanical Gardens commence with section 104, and are arranged in the same manner as the Local Floras. Certain cultural books are here given, as showing what plants are in cultivation in the respective countries. I have also in each case enumerated such seed catalogues as I knew of; many descriptions of new plants have been issued in this form, as for instance, Fischer and Meyer, page 443, and the Berlin lists, page 424, and yet no botanical literature is so fugitive as these. The very gardens which issue them are frequently without complete sets; they are primarily intended for temporary use, and usually are soon lost or destroyed.

Periodical publications close our lists;—first, the Transactions and Journals of scientific societies, afterwards the Magazines which appear at stated intervals. Much local information is stored up in some of the provincial Field Club Reports; these I have endeavoured to catalogue, that they may not be forgotten in case of need.

The Addenda includes the titles of such books as came to

hand too late for incorporation in their proper places, new publications, and a few which had been accidentally misplaced.

The Index which closes the volume requires but little explanation. Carrying out my firm conviction that several indexes in the same book are vexatious and unprofitable, I have combined all matters requiring indexing into one alphabet. The years of birth and death of deceased writers are included in parentheses when known to me; if of birth or death only, the distinctive initial is prefixed.

I have inserted in the Corrigenda some dates which I have ascertained with greater precision since the printing of the titles in question; also such press-errors as I have detected during the indexing. The double mistake on page 171 originated accidentally at the moment of going to press, an instance of the manner in which errors will creep in, in spite of the exercise of the greatest care.

The reader must be warned that initials are frequently altered in the translation of Christian names, so that K=C, and G=W, as explained on a previous page. The rules of the Index Society as to prefixes have been adhered to; but I am by no means sure that they should not be extended or else modified in such cases as De Bary, Van Tieghem; these prepositions are meaningless in conjunction with a German and French speaking author respectively. It was my intention to refer to the Royal Society's *Catalogue of Scientific Papers*, in the Index, but the great length of the Index itself forbade any increment thereto; it is the less to be regretted, inasmuch as the *Catalogue* is itself alphabetically drawn up.

There now remains only the pleasing duty of thanking my very numerous friends and helpers at home and abroad. The mere enumeration of their names would take up a large

amount of space, and it would be too invidious a task to single out any, when all have so willingly co-operated. The measure of assistance received has only been limited by the demands made upon it.

To the officials connected with the various libraries consulted, for affording me unusual facilities, to private possessors of scarce books, and to authors where information has been sought at first hand, I gladly render my sincerest thanks.

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January 27th, 1881.

HISTORICAL INTRODUCTION.

A BRIEF introduction to the History of the Literature of Botany is all that can be attempted here; for fuller details recourse must be had to the volumes enumerated in section 2. For our purposes we may consider the literature of botany began with Theophrastus Eresios, for the fragments of Aristotle which have survived the ravages of the centuries are too insignificant to require our notice. Commencing then with Theophrastus, born B.C. 371, we find in his *περι τῶν φυτῶν ἱστορία* a catalogue of plants, without any attempt at description, so that much of his work has simply offered a text for the conjectures of his commentators. His other work, *αἰτία φυσικά*, shows the philosophical notions current at the time of writing, for we must remember that Theophrastus was a prominent peripatetic philosopher.

Passing by several minor writers without special remark, we arrive at the period of Dioscorides, in the first century. Probably no other author mentioned in the following pages has caused so much discussion and confusion among his followers. His various treatises formed the staple of the discourses and wranglings of the early botanists of the Renaissance, commencing with Otho Brunfels in 1530, flourishing with Matthioli and his contemporaries, and surviving in the closing years of the eighteenth century, to furnish the younger Sibthorp with strong inducements to prepare a Flora of Greece; the actual finish of that costly production taking place in 1840.

This amount of contention was probably caused by the extreme meagreness of the original descriptions, if they can be dignified by that term, so that the fancy of each succeeding writer had abundant scope in endeavouring to fit, and to persuade others that he had fitted, plants of Northern Europe to accounts written in the Mediterranean region. Some of the MS. copies of Dioscorides still extant have figures of the plants spoken of; the most celebrated of these is in the Imperial Library at Vienna, from which plates were prepared under the superintendence of Jacquin. Two impressions only appear to have been taken off, one being sent to Linnaeus, which is now in the Library of the Linnean Society in London, the other was sent as a loan or gift to Sibthorp, to assist in his above-mentioned labours, and that copy is now at Oxford, in the Library attached to the Botanical Garden.

Pliny, the next in order, is too well known to need more than a passing mention; his laborious compilations on plants have no original value whatever. Galen must be cited here, for his doctrine of temperatures of plants, hot, cold, moist, or dry, pervaded medical treatises for many centuries, and the botany of those days was almost entirely therapeutical.

From this period onwards for three hundred years, the knowledge of plants, beyond the merest economic requirements, suffered total eclipse in Europe. The Arabs alone bore the lighted torch of learning, and to them Western nations owe a deep debt of gratitude, for the discovery and use of many species and drugs of vegetable origin.

Conspicuous amongst these sages, we find Serapion, Razis, Avicenna and Averroes, to use the forms of their names best known. Others, equally, if not more worthy of fame, are less known by reason of their writings remaining in their original oriental dress. But the longest night must end, and the dark ages slowly drew on towards the awakening of men to the rich treasures of knowledge stored up in the classics, or simpler

still, only needing the open eye and ready mind to reap a rich harvest. The invention of printing in the fifteenth century, and the restless activity shown by the discoveries of new lands, unimpeded by the troubled state of Europe, gave an impetus to intellectual activity, which it is hard to overestimate. The state of things which could tolerate the *Ortus sanitatis*, and similar productions, was in the end of the fifteenth century now drawing to a close. In 1492, Ermolao Barbaro, or as more usually written, Hermolaus Barbarus, published his *Castigationes plinianae*, erasing from the text many of the errors which had crept in during the period of darkness. No longer content to receive as oracles worthy of implicit belief, all statements handed down by tradition, men began to look into the actual aspects of things themselves, and the faculty of criticism awoke. Thus a mighty tide set in, urging the learned onwards to investigate the natural objects round them, or in distant lands; curiosity once aroused, became craving, and the printing press began its mission of communication between kindred spirits. Brunfels was the first to display the result of actual comparison of the plants in the field and forest with the descriptions given by the classical writers. His figures are good and characteristic, and when placed side by side with the shapeless cuts of the *Grete Herbal*, sufficiently mark the immense stride forward which had been taken. Contemporaries now seemed to press forward; Euricius Cordus, Hieronymus Bock (better known as Tragus), Leonhard Fuchs, Jean Ruel, or Ruellius, are well-known names, and are ranked by Haller among the *Instauratores*. Tragus and Fuchs deserve special mention, on account of the wood-blocks which adorn their works; those of the latter are admirably drawn, and on a large scale.

A new era is thus led up to, well marked by being that of Conrad Gesner, whose name can never be mentioned without profound respect. Methodical arrangement may be said to

commence with him; certainly the first clear conception of genera, although much of the actual good he effected may be seen less in his own works than in those of his correspondents, who so largely benefitted by his labours. We must next enumerate the productions of Pietro Andrea Mattioli, usually called Matthiolus, a physician of Siena, whose commentaries on Dioscorides ran through more editions and were translated into more languages probably than those of any other three writers previous to Linnaeus. This brings us to our own countryman, William Turner, who issued his little *Libellus*, whilst quite a young man, in 1538; herein he expressly disclaims being the only or chief one skilled in botany in England, mentioning Wootton, Falconer, Wendy, and Clement, as being well qualified to write on plants, and yet producing nothing. Of Turner and his writings I have given a full account elsewhere; I therefore pass on to notice Dalechamp's great work, the *Historia generalis plantarum*, which came out after his death, and thus suffered the fate of most works which do not receive their last touches at the hands of the original writer, namely, that of being negligently edited, and of having the editor's mistakes too often attributed to the writer.

Luca Ghini was the first to occupy a chair of botany; he lectured at Bologna, and was the cause of the formation there of the earliest botanic garden, to the end that he might cultivate the plants he required for demonstration. Turner, who was one of his disciples, styles him "reder of Dioscorides in Bonony." A brilliant pupil of this early professor, Andrea Cesalpini, first sketched a system of arranging plants by their structural affinities, founding his principles of arrangement upon the fruit and seed.

The university of Montpellier, towards the end of the sixteenth century, was specially noteworthy for the large number of its students who afterwards attained eminence in various departments of natural history. Rondelet was one of the

professors, and amongst the students were Clusius, Dalechamps, J. Bauhin, Rauwolff, L'Obel and his shadowy colleague Pena.

So many notable writers were contemporaneous about this period, that I cannot pretend to arrange them in strict chronological order. Rembert Dodoens, latinized into Dodonaeus, is well known by his *Pemptades*, a Latin version of the *Cruydt-boek*, the excellent woodcuts of which are cited by Linnaeus for illustrations of European plants. This work was translated by Clusius into French, and into English by Henry Lyte, of Lytes-Cary, in Somersetshire; the copy Lyte used, with extensive and beautifully-written notes in red ink, is in the British Museum Library.

Clusius, as best known to the Latin reading world, or Charles de l'Escluse, as his name appears in his French translations, was almost as much distinguished by his personal misfortunes as by his sterling botanical merit. He travelled through Spain to observe the plants of that peninsula, and Hungary and Bohemia for alpine plants; in doing so he suffered greatly from accidents which one after another happened to him, and at length quite crippled him, but failed to quench his unappeasable ardour in the pursuit of the knowledge of plants. His Latin style is much praised for its purity, and as he was first to describe a very large number of new plants, his books are of great interest. He ended his days as professor of botany, at Leyden, in 1609.

The first luxurious work on botany was the *Hortus eystetensis*, an unwieldy folio, with copper-plates of plants of natural dimensions, several times reprinted; it is attributed to Basil Besler with a certain amount of doubt as to the real author. In this work we find, for the first time, references to the pages of the authors cited.

Bodaeus a Stapel is known to fame by having edited Theophrastus, *De historia plantarum*, and giving the opinions of Scaliger and others; this is considered the "Editio princeps."

L'Obel, a pupil of Rondelet, after some years of travel in the south of Europe, settled in England, where he published his *Adversaria* and other works, during his long abode of nearly fifty years. In the *Adversaria*, the arrangement of plants was L'Obel's own, and is a rough attempt at a natural grouping; he begins with the grasses and grass-like plants.

John Gerard followed the method of L'Obel, using the text of Dodoens and the woodcuts of Tabernaemontanus in his *Herball*, the issue of which was preceded by the catalogue of his garden. The *Herball* became so generally esteemed by his countrymen, that Thomas Johnson, his subsequent editor, contented himself by expunging the gross errors, and adding fresh plants without changing the arrangement. In this way Gerard's *Herball* is still held in estimation, probably as much for his quaint language as for any other reason; I have elsewhere given an ample account of him.

Aldrovandus devoted one of his folios to the vegetable kingdom. He died in 1605, ruined by the cost of the extensive collections accumulated for his comprehensive works, and whilst only four of his volumes had passed through the press.

Many works on the *Materia medica* of the East and West Indies were about this time put forth, and translations into the various languages of Europe soon spread a knowledge of some of the products of the newly-discovered countries, which were being opened up by the enterprise of the chief maritime nations, the Spanish, Portuguese, and English, and in lesser degree the Dutch. Amongst these may be enumerated those of Garcia ab Horto as he is called in the Latin versions of his book, Acosta, and Monarda.

Johann Bauhin is best known by his *Historia plantarum*, issued after his death, under the care of Cherler and Chabraeus. The woodcuts are rough, although sometimes very characteristic, and the paper and print detestable, yet the accuracy and clearness of the author in his text caused Ray and others to attach great importance to "J. B. Hist."

Caspar Bauhin, the younger brother of the above, edited the complete works of Matthioli, and contemplated an exhaustive treatise on all known plants, when death ended his labours in 1624. The first part of volume i. of his *Theatrum* appeared posthumously in 1658; his *Pinax* (1623), which was intended to smooth the way for his larger work, became the universal text-book of botany for something like a century. In this book Bauhin has ranged the synonyms of various authors under his own name for each plant; Linnaeus quotes the *Pinax* throughout in his *Species plantarum*.

Johnson, the Editor of Gerard's *Herball*, is also known as the author of several small works, which have been reprinted in one volume. In these we find the first account of the various plants seen in a small and definite locality, the earliest English local lists in fact. The troublous times of the civil war stopped his prosecution of botany, and he lost his life in the commotion.

John Parkinson's first publication came out in 1629, the same year as Johnson's; it is a full list of the choice garden flowers, cultivated for their beauty in his days; but the completion of his *Paradisus terrestris*, the *Theatrum*, did not see the light until eleven years after, chiefly owing to the unsettled state of the kingdom.

The admirable etchings of Fabio Colonna, latinised into Columna, in his *Phytobasanos*, and *Ecphrasis*, deserve especial mention; no drawing equal to them in merit for demonstrating details appearing afterwards for a long period. He groups his plants naturally, but without setting himself to elaborate a complete system.

John Tradescant the elder lived many years, and died in England; he travelled in North America, and brought home many plants and trees, of which he published a catalogue; his garden at South Lambeth was of much interest when Dr. Watson and other members of the Royal Society visited

it nearly a century after the founder's death, and at the moment of writing this, his house is still standing, although doomed to speedy demolition by the progress of building operations.

Robert Morison was too prominent in his day to be passed over in silence. Of his most important work, the second volume came out during his lifetime, the third volume was edited by Bobart, whilst the first was never printed. The copper-plate engravings in this work are very good, although small, but are cumbrous to quote, being arranged in sections separately numbered, so that three numerals must be used to designate a particular figure. Morison pretended that he had elaborated his system without deriving help from his predecessors, a statement which, coupled with his caustic criticisms on Caspar Bauhin's *Pinax*, does not exhibit his disposition in a very favourable light.

The attention of John Evelyn was chiefly given to gardening, but his work *Silva* is included in my selection. About this time British botany was diligently studied by some, resulting in Dr. William How issuing the first British flora, under the title of *Phytologia britannica*. Ten years later an unpretentious work, anonymous like the last, issued from the press, the maiden essay of one of the most distinguished naturalists of any country, John Ray. The *Catalogus circa Cantabrigiam* was afterwards followed by Dr. Christopher Merrett's *Pinax*, in turn succeeded by Ray's *Catalogus plantarum Angliae*. William Sherard, Leonard Plukenet, James Petiver, Sir Hans Sloane, were contemporaries of Ray. Sherard's endeavours to construct a *Pinax* on the plan of C. Bauhin ended in the work remaining unfinished at his death; Plukenet published his *Phytographia* and similar works, consisting of plates of new exotics; Petiver in a somewhat similar but more modest scale; whilst Sloane's publications were limited to his Jamaica plants; the collections of many botanists came into his hands, now

forming part of the National collection, and are of untold worth in determining the plants of our early writers.

Ray's *Synopsis* was a most careful account of the British plants he had himself seen growing in the country; first issued in 1690, it reached a second edition six years later, and was in 1724 recast by Dillenius. In this form it remained the standard authority for the plants of our country for quite forty years; Ray's greatest work was, nevertheless, his *Historia plantarum* in three folio volumes. His various botanical productions were drawn up after his own method of classification.

The next noteworthy name we meet with is that of Joseph Pitton de Tournefort, the practical founder of genera, and therefore in great measure the present system of classification. His *Elémens de botanique*, and the Latin version, entitled *Institutiones*, contain lists of the various species ranked under his genera, which genera were so happily selected, and their essential characters so instinctively seized by their author, that a very large proportion of them were adopted by Linnaeus as they stood. The third great systematist of this period was Rivinus, with whom Ray had some controversy.

In this rapid survey, the remarkable work of Micheli, the *Nova plantarum genera*, a production of singularly acute observation, must not be forgotten.

Dillenius, who had been brought to England by William Sherard, wrote an account of James Sherard's garden at Eltham, entitled *Hortus elthamensis*; the illustrations, as in all his other works, being the production of his own accurate etching. Shortly before his death, he brought out his splendid *Historia muscorum*, the drawings in which are as remarkable for their truth in details, as happy in their showing the habit of each plant. The anatomy of plants was investigated by Grew in this country, and Malpighi in Italy, and their results were issued in the form of valuable folios, with good engravings.

We have now arrived in our rapid survey at the end of the first quarter of the 18th century, and what do we find? Through the activity and enterprise of traders, new exotic plants were almost daily being acquired from various quarters of the globe; from North America and the West Indies, from Africa, India, and the Malay Archipelago, were brought wondrously strange flowers. The Dutch possessions in tropical Asia contributed greatly to the increasing riches of the gardens of the wealthy, and the cultivation of such plants was diligently followed in the Netherlands. From this active centre were issued the early works of the great reformer of natural science and its nomenclature, Linnaeus. The stream of new discoveries bade fair to outpace the descriptive powers of the then-existing botanists; the old systems were overlaid and hidden under the new acquisitions, and the specific names were growing portentously long. The artificial system of Linnaeus served for nearly a century as a means of readily sorting the augmenting stores sent home by the many travellers in search of plants, but one of the greatest benefits he conferred was the methodical arrangement and system of description which he introduced. His first specific names were limited to twelve words, diagnostic of the species, but the splendid advance achieved by the use of a single word as a trivial name was first shown in 1749, in the *Pan suecus*, which forms part of vol. ii. of the *Amoenitates Academicæ*; henceforth it became of universal use, and is considered by Mons. Alphonse de Candolle as the greatest boon even Linnaeus bestowed upon natural history. Linnaeus continued the leading master-mind in botany until his death; of his contemporaries we need only mention Albrecht von Haller, with his important *Bibliotheca botanica*, and his imposing folio on the Swiss flora.

The first Linnean flora of Britain was due to that curious individual Sir John Hill, Knight of the Polar Star, who arranged Dillenius's edition of Ray's *Synopsis* in the order of

Linnaeus's system, but without altering the old descriptive names. Hudson published the earliest independent record of our flora, and with his production we may consider the sexual system firmly established in this country. Next in order of time I must mention the splendid *Flora londinensis* of William Curtis; this is noticed in its proper place on page 256.

The results of the voyage of Sir Joseph Banks with Captain Cook in the *Endeavour* unfortunately remain in MS., and are hardly likely now to be published as an independent publication; the death of Solander having occurred before the materials were completely worked up.

At the death of the younger Linnaeus his entire collections and library, with a few unimportant exceptions, were bought by Dr. (afterwards Sir) James Edward Smith, the founder of the Linnean Society. Smith seemed to fancy that by possessing the Linnean treasures, he thereby held the magician's wand, and his judgment on things botanical to be unassailable. This unfortunate assumption was the cause of some things in Smith's life and work that are to be regretted, although he published much that was excellent. He was associated with Sowerby in the production of *English Botany*, issued his *English Flora* in four volumes, and began Sibthorp's *Flora graeca*, the *Prodromus* of that work being entirely due to him. As is well known, Smith's collections now belong to the Linnean Society.

Many local floras were written during the latter part of the eighteenth century, most of them being descriptive, and often containing critical botany. Although descriptive floras of small tracts of country have at the present day almost completely disappeared, yet the minuteness of observation possible when a comparatively small area is surveyed, is favourable to noticing minute differences of plant-form.

At the commencement of the present century, although the Linnean system appeared to be followed by the majority of European botanists, yet the influence of a work published in 1789

was making itself felt in the most thoughtful of botanical students. Antoine Laurent de Jussieu's *Genera plantarum* is the virtual foundation of the views of plant classification now current, and is the offspring of the Tournefortean teaching. During the lifetime of Smith, the Linnean arrangement was stoutly maintained, and any other system decried by him, whilst his ownership of Linnaeus's Herbarium gave weight to his utterances. His views however were strongly controverted by Richard Anthony Salisbury, who greatly aided S. F. Gray in his *Natural Arrangement of British Plants*, a work which had the misfortune to appear much in advance of its time.

Robert Brown and Salisbury were too good observers to rest contented with the Linnean method of classification; but the former gave himself chiefly to observation of the minute parts of plants, and the discrimination of sundry genera; whilst Salisbury was never fairly represented by any productions worthy of his great ability.

The text-book of English Field Botanists for many years was Hooker's *British Flora*, which was indebted to men like William Borrer of Henfield, Wm. Wilson of Warrington, and Joseph Woods for much that was valuable. The insular neglect of continental work, initiated by Smith, was continued to the great detriment of critical botany, until the publication of Babington's *Manual* startled many of the old school into compulsory attention to foreign workers. Critical botany, as shown in the works of Boreau, Grenier and Godron, Koch, and Reichenbach, has since been exaggerated by Alexis Jordan and his followers into an impracticable and futile extreme. Contemporaneously with this species of discrimination, the development-history of the various plant organs was pursued on the continent by Schleiden, Hugo von Mohl, and others, and has been energetically prosecuted by Sachs and a multitude besides. Schleiden's cell-theory marked an important epoch in botany, whilst the next great impulse was given by

Charles Darwin in those observations which have rendered his name so widely known; Darwinism being almost the only form of English thought which is prevalent abroad.

Systematic botany is not neglected in modern days, as testified by MM. de Candolle's *Prodromus*, followed up by the *Monographiae*. Another work of the highest importance, which is now drawing near its completion, is the *Genera plantarum* of Mr. Bentham and Sir J. D. Hooker. Drawn up chiefly from the plants themselves, and not merely a compilation from other authors, it must remain for a long time to come the standard authority in the botanical world, as regards genera and their sequence.

Local floras are more than ever abundant. The *Flora australiensis*, by Mr. Bentham, is a complete account of the vegetation of a far larger district than has previously appeared. The floras of *British India* and of *Tropical Africa* are likewise in progress, under the supervision of the Director of the Royal Gardens, Kew, who is keenly alive to the importance of vigorously carrying on such publications, and continuing the activity shown by his father, Sir W. J. Hooker.

Physiological and morphological studies are clearly in the ascendant at this moment, especially on the continent of Europe. Much attention is now being given to the influence of the lower forms of vegetable life upon the higher, upon animals, and upon man himself. Science has now penetrated into schools, and a host of admirable text-books have been provided for teaching purposes, many of them by eminent botanists. Thus the area under observation is both deepened and widened, and offers ample scope for accurate observation and philosophic induction.

“EA JUDICIA MIHI SCRIPSI, NULLO ADPECTU MOTUS, UT
NEQUE SECTAE FAVEREM, NEQUE SERVIREM ODIIS.
IN MITIOREM QUIDEM PARTEM AMAVI PECCARE, UT
MALOS LIBROS SILENTIO, ET BREVITATE JUDICII POTIUS
QUAM CONVITIIS PUNIREM : BONOS CUM ALIQUA
EXSULTATIONE LAUDAREM, UT PER QUOS EGO PRO-
FECISSEM, QUI MULTUM ADEO MEAE ADDIDISSENT
FELICITATI.”—HALLER, *Bibliotheca botanica*, pp.
xii, xiii.

GUIDE

TO THE

LITERATURE OF BOTANY.

* = Books especially noteworthy.

† = Books given in Pritzel's *Thesaurus*, Ed. 2, but here corrected or added to.

‡ = Books not given in Pritzel.

§ 1.—BIBLIOGRAPHY.

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*—— Catalogus Bibliothecae hist. nat. Josephi Banks. Lond. 1796-1800. 5 vols. 8°. Vol. i. General Writers, vol. iii. Botany, vol. v. Index and Addenda.

Two hundred and fifty copies only were stated to have been issued. The work itself is a monument of careful arrangement and accuracy, but the subdivision of subjects is carried to excess. The library to which it refers is still (July, 1880) kept by itself at the British Museum.

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†KRUEGER (M. S.). Bibliographia botanica. Handbuch der botanischen Literatur in systematischer Ordnung nebst kurzen biographischen Notizen ueber die botanischen Schriftsteller. . . Berlin, 1841. 8°.

Classified; of considerable use, but disfigured by too many press errors.

BERG (E. von). Catalogus bibliothecae horti imp. botanica Petropolitani. Petrop. 1852. 8°.

†GRAY (A.). Notices of Botanical Literature. . . . New Haven, 1852. 8°.

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Privately printed.

†TARGIONI-TOZZETTI (A. & G.). Bibliographia botanica Targioniana. Florent. 1874. 8°.

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†TREUB (M.). Driemaandelijksch Botanisch Literatuuroverzicht. Nijmegen, 1874-5. 8°.

- †BERG (E. von). Additamenta ad Thes. lit. bot. Halis, 1859. 8°. Index II. Petrop. 1862. Index III. Petrop. 1864. Although Pritzel acknowledges the help he had received from this author (Thes. Ed. 2, p. 23), he does not enumerate these Additions.
- †ZUCHOLD (E. A.). Additamenta ad G. A. Pritzelii Thes. Lit. Bot. Halis, 1853. 8°. Fasc. 2. Lips. 1866.
- *PRITZEL (G. A.). Thesaurus literaturae botanicae. . . . Lips. 1851. 4°. Ed. 2. (Partly by C. F. W. Jessen). 1872-7. A work of inestimable value.
- †MICHELI (M.). Principales publications de physiologie végétale. Genève, 1877. 8°.
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- †DELPINO (F.). Revista botanica. . . . 1878. . . . Milano, 1879. 8°.

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- *SPRENGEL (K.). Historia rei herbariae. Amst. 1807-8. 2 vols. 8°. [Ed. 2]. Geschichte der Botanik. Altenburg, 1817-8. 2 vols. 8°.
- *SCHULTES (J. A.). Grundriss einer Geschichte und Literatur der Botanik. Wien, 1817. 8°.
- †GLOESENER (M.). Commentatio . . . de fabrica usuque vasorum plantarum enum. chronologia . . . [Liège, 1820.] 4°.
- *MEYER (E. H. F.). Geschichte der Botanik. Königsb. 1854-7. 4 vols. 8°. Unfinished, owing to the author's death, but very valuable so far as it extends.
- G (L.). Précis Biographique et Bibliographique de l'histoire de la Botanique. Paris, [1869]. 8°. Thoroughly French, especially in the translation of proper names.
- KARSTEN (H.). Zur Geschichte der Botanik. Berlin, 1870. 8°.
- †BOER (P. de). De waarde van het vergelijkend onderzoek voor de beoefening der plantenkunde. Groningen, [1871]. 8°.
- †HESS (W.). Die Entw. der Pflanzenkunde. . . Goett. 1872. 8°.
- *†HOEFER (F.). Histoire de la Botanique. . . Paris, 1872. 8°.
- *†SACHS (J.). Geschichte der Botanik von 16 Jahrhundert bis 1860. Muenchen, 1875. 8°. The history of each special department is separately worked out.

- †PICKERING (C.). Chronological History of Plants. Boston, 1879. 4°.

Great labour has been expended upon this, to little profit.

- †Die Fortschritte der Botanik. Leipzig, 1879. 8°.—>

- †LINDBERG (S. O.). Hepaticologiscus utveckling från aeldsta tider till och med Linné. Helsingfors, 1879. 4°.

- *KREMPELHUBER (A.). Geschichte und Literatur der Lichenologie. Muenchen, 1867-9. 2 vols. 8°.

- †LANDRIN (A.). Notice historique . . . sur les travaux . . . coloration des vegetaux. Versailles, [1859?]. 8°.

- EHRHART (B.). Oeconomische Pflanzenhistorie. . . Ulm, 1753-62. 12 vols. 8°.

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- *PULTENEY (R.). Sketches of the progress of Botany in England . . . London, 1790. 2 vols. 8°.

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- *RICHARDSON (R.). Extracts from Correspondence. Yarmouth, 1835. 8°.

Letters from almost all botanists of note, between 1690 and 1776.

Austria.

- †POKORNY (A.). Vorarbeiten zur Kryptogamenflora von Unter-Oesterreich. Wien, 1854. 8°.

I. Revision der Literatur.

- HABERLE (C. C.). Succincta rei herbariae Hungaricae et Transylvanicae historia. Budae, 1830. 8°.

- KANTZ (A.). Geschichte der Botanik in Ungarn. Hannover, 1867. 8°.

Only seventy copies printed.

Belgium.

- †MORREN (E.). Mem. des travaux de Botanique . . . de Belgique, 1772-1871. Brux. 1872. 8°.

France.

- VALLOT (J. N.). Histoire de la botanique en Bourgogne. Dijon, 1828. 8°.

PLANCHON (J. E.). Rondelet et ses disciples . . . Montp. 1866. 8°.

†MAGNIN (A.). La botanique phytostatique à Lyon. Lyon, 1880. 8°.

A short historical sketch, to precede a Flora in preparation.

Germany.

FABRICIUS (P. C.). Oratio de Germanorum in rem herbariam meritis. Helmstadii, 1751. 4°.

WERNER (L. R.). De scriptoribus hist. pl. borussicarum. . . . Cuestrini, 1756. 4°.

Italy.

†ROSSI (G. B. de). Piante iconografichi e prospettiche di Roma anteriori al secolo XVI. Roma, 1879. fol.

Russia.

TRAUTVETTER (E. R. von). Geschichte der Botanik in Bezug auf Russland. St. Petersb. 1837. 8°.

WIRZEN (J. E. A.). Scriptores rei herbariae fennicae. Helsingforsiae, 1843. 8°.

ADAMSKI (M. J. A.). Prodrum historiae rei herbariae in Polonia. . . Vratislaviae, 1825. 8°.

Scandinavia and Denmark.

WIKSTROEM (J. E.). Conspectus litteraturae botanicae in Sueciae ab antiquissimis. . . . ad . . . 1831. Holmiae, 1831. 8°.

†DIDRICHSEN (F.). Samlinger til d. Danske Botanikens Hist. i Saec. XV. Kjoebn. 1870. 8°.

Spain and Portugal.

ROEMER (J. J.). Scriptores de plantis hispanicis, lusitanicis, brasiliensibus. . . . Norimb. 1796. 8°.

*COLMEIRO (M.). La botánica y los botánicos de la peninsula hispano-lusitana. Madrid, 1858. 8°.

Switzerland.

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America.

- **SHORT (C. W.).** Progress of Botany in Western America. Lexington, 1836. 8°.

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- POLLENDER (A.).** Wem gebuehrt die prioritaet, Grew oder. . . . Malpighi. Bonn, 1868. 4°.

§ 3:—BIOGRAPHY.

The following must be considered as strictly supplemental to PRITZEL.

- † **CESATI (V.).** Alla memoria di sei illustri naturalisti nazionali . . . Napoli, 1879. 4°.

Short Memoirs of Cirillo, M. Tenore, Gasparrini, De Notaris, Panceri and Parlatore.

- † **ELLIS (G. E.).** Memoir of Jacob **Bigelow.** Camb. 1880. 8°.

- † **CASPARY (R.).** Alexander **Braun's** Leben. Regensb. 1877. 8°.

- † **Denkschrift** hrsg. von der damit beauftragen Commission. . . . [**Haller** centenary.] Bern, 1877. 4°.

- † **MANN (C. H.).** Albrecht von **Haller.** Schaffhausen, 1878. 8°.

- † **Sketch of the Life of Linnaeus.** Lond. 1827. 12°.

- † **AHNFELT (A.).** Carl von **Linnés** lefnadsminnen, tecknade af honom sjelf. Stockh. [1877]. 8°.

- † **HJELT (O. E. A.).** Carl von **Linné** som laekare. . . . Hel-singf. 1877. 8°.

- † **AGARDH (J. G.).** Om **Linnés** betydelse i botaniken historia. Lond. 1878. 8°.

- † **ÅHRLING (E.).** **Linnés** svenska arbeten. . . . Stockh. 1878. 8°.

- † **FRIES (E. & T. M.).** **Linnés** anteckningar oefver Nemesis divina. Ed. [2 ?] Upsala, 1878. 8°.

- † **HJELT (O. E. A.).** Carl von **Linné** i hans foerhållande till Albr. von **Haller.** Helsingf. 1878. 8°.

- † **MALMSTEN (P. H.).** Minnesord oefver Carl von **Linné.** . . . Stockh. 1878. 8°.

- †**Oudemans** (C. D. J. D.). *Rede . . . van C. Linnaeus. . . .* Amst. 1878. 4°.
- †**Onoranze funebri** al professore G. de **Notaris**. Intra, [1878]. 8°.
- †**Marakuew** (W.). *P. S. Pallas, sein Leben, seine Thaetigkeit, und seine Reisen.* Moskau, 1877. 8°.
- †**Haynald** (L.). *Denkrede auf Philipp Parlatore.* Budapest, 1879. 8°.
- †**Emery** (H.). *Notice sur les recherches de physiologie végétale de J. Priestley.* Versailles, 1863. 8°.
- †**Laignes** (J.). *Le centenaire de Jean-Jacques-Rousseau.* Biographie. Lyon, 1878. 4°.
- †**Meylan** (A.). *Jean Jacques Rousseau. . . .* Sein Leben und seine Werke. . . . Bern, 1878. 8°.
- †——— *Sa vie et ses oeuvres. . . .* *Ib.*
- †**Bécus** (E.). *Notice Biographique sur le Botaniste Soyer-Willemet.* Nancy, 1877. 8°.
- †**Ernst** (A.). *Vargas considerado como botanico.* Caracas, 1877. 4°.

Contains a description of *Vargasia* (Marcgraviaceae).

§ 4.—INDEXES, (TERMINOLOGY).

- Mentzel** (C.). *Pinax botanonymos polyglottos . . .* Berol. 1682. fol. Reprinted, 1696 and 1715.
- Meyer** (A.). *Botanicum copiosum dictionary. . . .* Mosquae, 1781-3. 4°.
- ***Nemnich** (P. A.). *Allgemeines Polyglotten-Lexicon.* Leipzig, 1793-8. 4 vols. 4°.
- †**Ulrich** (W.). *Internationales Woerterbuch der Pflanzennamen in Lateinischer, Deutscher, Englischer und Franzoesischer Sprache.* Leipzig, 1872. 8°. Ed. 2. 1875.
-
- Zavira** (C. J.). *Onomatologia Botanike tetraglottos, . . .* Pesthini, 1787. 8°.
- Contains the names in Modern and Ancient Greek, Latin, and Hungarian.
-
- Kyber** (D.). *Lexicon rei herbariae trilingue. . . .* Argent. 1553. 8°.

- BOEHMER (G. R.). *Lexicon rei herb. tripartitum*. . . . Lips.
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- AMBODIK. *Novum Dictionarium botanicum rosso-latino-germanicum*.
Petrop. 1808. 4°.
- ‡[BESSER (W.)]? *Nazwiska roślin grekom starożytnym znanych
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Latin-Polish Dictionary.
- ‡OERTEL (B.). *Dictionnaire complet*. . . . de Botanique en langues
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- ‡HOEFLING (E.). *Botanisch*. . . . lateinisch-deutsch-Woerterbuch.
Vacha, 1844. 8°.
- ‡JUERGENS (K.). *Etymologisches Fremdwörterbuch der Pflanzen-
kunde*. Braunsch. 1878. 8°.
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- SKINNER (S.). *Etymologicon botanicum*. . . . Lond. 1671. fol.
- ‡ONOMATOLOGIA botanica completa: oder vollstaendiges botanisches
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- ‡LINNAEUS (C.). *Termini botanici*. . . . Lips. 1767. 8°. Edinb.
1770. Novicastri, 1779.
The last Ed. by J. Rotheram. These are earlier issues than the first
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- ‡BERKENHOUT (J.). *Clavis anglica linguae botanicae*. . . . Lond.
1764. 12°. Ed. 2. 1789. 8°.
- ‡*Horticultural, Botanical, and Economical Lexicon*. St. Petersburg.
1792. 8°. (In Russ.)
- ‡*Botanisches Woerterbuch*, . . . St. Petersburg. 1795. 4°.
Title-pages in Russ and German.
- ‡*Dictionnaire des termes latins*, . . . de la botanique. . . . Paris,
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- ‡SCHMIEDLEIN (G. B.). *Handwoerterbuch*. . . . drei Reiche der
Natur. Leipzig, 1800–1. 3 vols. 8vo.
Translated from the French.
- BECKMANN (J.). *Lexicon Botanicum*. Goettingae, 1801. 8°.
- MILNE (C.). *Botanical Dictionary*. Lond. 1770. 8°. Ed. 3. 1805.
- MARTYN (T.). *Language of Botany*. Lond. 1793. 8°. Ed. 3.
1807.
- ‡LEE (J.). *Termini botanici*. Lond. 1813. 8°.
- ‡[EATON (A.)] *Botanical Dictionary*. New Haven, 1816. 12°.
Ed. 2. 1819.
Translated from L. C. M. Richard, "of no importance," A. Gray,
in lit.

LLOYD (G. N.). *Botanical Terminology or Dictionary*. Edinb. 1826. 8°.

†MARTINOFF (I.). *Botanical lexicon*. *S. Peterb.* 1826. 8°.

†DZIARKOWSKY (J.), & K. SIENNICKY. *Pomnożenie dykeyonarza roślinnego*. . . . w Warszawie, 1826–28. 3 vols. 8°.

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KEITH (P.). *Botanical Lexicon*. Lond. 1837. 8°.

†WEBER (F. B.). *Handbuch der oekonomischen Literatur*. . . . Berl. 1803–1842. 7 vols. 8°. Supp., Breslau, 1848. 8°.

The intermediate volumes were published at Breslau, Leipzig and Grimma.

†LINDLEY (J.). *A Glossary of Technical Terms used in Botany*. Lond. 1848. 8°.

MAUND (B.). *Dictionary of . . . Terms*. Lond. [1849]. 8°.

HOEFER (F.). *Dictionnaire de botanique pratique*. Paris, 1850. 8°.

MACDONALD (G.), and J. ALLAN. *The Botanist's Word Book*. Lond. 1853. 12°.

†M'NICOLL (D. H.). *Dictionary of Natural History Terms*. Lond. 1863. 8°.

†SCHLICKUM (O.). *Botanisches Taschenwoerterbuch*. Neuwied, 1863. 16°.

†Bloemkundig Woordenboek. Amst 1866. 8°.

*GERMAIN DE SAINT-PIERRE (E.). *Nouveau dictionnaire de botanique*. Paris, 1870. 8°.

†COOKE (M. C.). *Manual of Botanical Terms*. Lond. [1862]. 8°. Ed. 2. 1873.

†HENSLOW (J. S.). *Dictionary of Botanical Terms*. Lond. 1850. 8°. Ed. 3. 1875.

†ALCOCK (R. H.). *Botanical Names for English Readers*. Lond. 1876. 8°.

†ANNENKOW (N.). *Botanical Dictionary*. *S. Peterb.* 1876–8. 8°.

†STORMONTH (J.). *Manual of Scientific Terms*. . . . Edinb. 1879. 8°.

†WILLS (G. S. V.). *Dict. of Botanical Terms*. Lond. 1880. 12°.

§ 5.—INDEXES, (PLANT NAMES).

†SAN GEORGIO, *née* HARLEY (A. di). *Catalogo poliglotta delle piante*. Firenze, 1870. 12°.

—†ELLACOMBE (H. N.). Common English Names of Plants. Bath, [1870]. 8°.

*†PRIOR (R. C. A.). Popular Names of British Plants. Lond. 1863. 8°. Ed. 3. 1879.

†EARLE (J.). English Plant names from the Tenth to the Fifteenth Century. Oxford, 1880. 12°.

*†BRITTEN (J.), and R. HOLLAND. Dictionary of English Plant-Names. Lond. 1878–80. 8°.→

—PLÉE (F.). Glossologie botanique. Paris, 1854. 12°.

LE HÉRICHER (E.). Flore populaire de Normandie et d'Angleterre. Avranches, 1857. 8°.

A few English names are given, but most are Norman.

—†AZAIS (G.). Catalogue Botanique: synonymie languedocienne, provençale, gasconne, quercinoise, etc. [Beziers], 1871. 8°.

†ROUMEGUÈRE (C.). Glossaire mycologique . . . des noms vulgaires des champignons. Perpignan, 1875. 8°.

†BARTHES (M.). Glossaire botanique languedocien, français, latin. Montpellier, 1873–6. 8°.

†REGIUS (J. F. M.). Nomenclature franco-provençale. . . Paris, 1877. 8°.

[PLAHER (J. J.).] Teutschen Nomenklatur der Linneischen Gattungen. Erfurt, 1771. 8°.

REUSS (C. F.). Dictionarium botanicum, . . . lateinisches und deutsches Handwoerterbuch. . . . Leipzig, 1781. 2 vols. 8°.

KRUEGER (J. F.). Lateinsch - deutsches Handwoerterbuch der botanischen Kunstsprache. Quedlinburg, 1833. 8°.

MARTIN (A.). Die Pflanzennamen der deutschen Flora mit den wichtigeren Synonymen in alphabetischer Ordnung. . . . Halle, 1851. 8°.

MUELLER (A.). Alphabetisches Woerterbuch. . . . Prag. 1806. 4°.

†PERGER (A. R. von). Studien ueber die deutschen Namen der in Deutschland heimischen Pflanzen. Wien, 1858–60. 4°.

GRASSMANN (H.). Deutsche Pflanzennamen. Stettin, 1870. 8°.

COLLA (A.). Herbarium Pedemontanum . . . Aug. Taur., vol. viii. 1837. 4°.

Has a remarkably full list of local Plant-names.

†BRACCIFORTI (A.). Dizionario botanico piacentino - latino, . . . Piacenza, 1877. 16°.

Local names; has an appendix—Flora of Piacenza.

†AASEN (J.). Norske Plantenavne. [Copenhagen?], 1860. 8°.

†JENNSEN - TUSCH (H.). Nordiske Plantenavne. Kjøbenhavn, 1867-71. 8°.

Issued as "1ste. Afdeling op folkelige Plantenavne i forskellige europæiske Sprog."

†FRIES (E.). Kritisk ordbok oefoer svenska vaextnamnen. Stockh. 1880. 8°.

CARVALHO (J. M.). Dictionario portuguez das plantas. . . . Lisboa, 1765. 8°.

SEEMANN (B.). Die Volksnamen der amerikanischen Pflanzen. . . . Hannover, 1851. 8°.

†COLMEIRO (M.). Dictionario de los diversas nombres vulgares de muchas plantas usuales ó notables del Antigua. . . . Madrid, 1871. 8°.

†MARTINS (C. F. P. von). Ueber die Pflanzen-namen in der Tupi-sprache. Muenchen, 1858. 8°.

†HOFFMANN (J.), and H. SCHULTES. Noms indigènes d'un choix de plantes du Japon, et de la Chine. . . . Paris, 1853. 8°.
Ed. [2.]. Leyde, 1864.

†FLEMING (J.). Cat. Indian Medicinal Plants. . . . in Hindustani and Sanscrit. Calcutta, 1870. 8°.

†SPEEDE (F.). Indian Handbook of Gardening. Ed. 2. Calcutta, 1842. 8°.

Contains a list of plants in Hindustani and English.

CHITTY (S. C.) Botanical Dictionary in Tamil. Madras, 1844. 8°.

*WATSON (J. F.). Index to the native and scientific names of Indian . . . plants. . . . Lond. 1868. 4°.

†FILET (G. J.). Plantkundig woordenboek voor Nederlandsch-Indië, . . . Leiden, 1876. 8°.

× §. 6.—ENCYCLOPAEDIAS.

*†MILLER (P.). The Gardener's Dictionary; . . . Lond. 1731. fol.
Ed. 9. by T. Martyn, 1797-1804. 4 vols. fol.
Ed. "2." 1834. Parts 1-3; no more published.

Also German, French, and Dutch versions.

PHILIBERT (J. C.). Dictionnaire universel de Botanique. . . . Paris, 1804. 3 vols. 8°.

*Encyclopédie methodique. . . . Botanique. Paris, 1783-1817.
13 vols. 4°. Vols. i.-iv. by La Marck, v.-xiii. by Poiret.

Nouveau dictionnaire d'histoire naturelle, . . . Paris 1816-19.
36 vols. 8°.

GERARDIN DE MIRECOURT (S.). Dictionnaire raisonné de Botanique.
Paris, 1817. 8°. Ed. 2. 1822.

Posthumous. Edited by Desvaux.

Tableau encyclopédique Botanique. Paris, 1791-1823.
3 vols. 4°.

By La Marck and Poiret.

Dictionnaire des sciences naturelles, . . . Paris et Strasb.
1816-1830. 70 vols. 8°.

DIETRICH (F. G.). Handlexicon. . . Berlin, 1829-30. 2 vols. 8°.
No more published.

Dictionnaire classique d'hist. nat. . . . Paris, 1822-31. 17 vols. 8°.
LECOQ (H.), & J. JUILLET. Dictionnaire raisonné . . . de Botanique. . . . Paris, 1831. 8°.

DIETRICH (F. G.). Vollstaendiges Lexicon. . . . Berlin, 1802-40.
31 vols. 8°.

ORBIGNY (C. d'). Dictionnaire . . . d'histoire naturelle. Paris,
1839-49. 13 vols. 8°.

†PAXTON (J.), & J. LINDLEY. Botanical Dictionary. Lond. 1840.
8°. Ed. [3.] by S. Hereman, 1868.

*LOUDON (J. C.). Encyclopaedia of Plants. Lond. 1829. 8°. Supp.
1836. Ib. 1840. Ed. [2?] by D. Wooster, 1855.

„ *Transl.* Encyclopaedie der Pflanzen. Jena, 1841-6. 2 vols. 4°.

LOUDON (J. C.). Encyclopaedia of Trees and Shrubs. . . . Lond.
1842. 8°. Ed. 2. 1875.

An abridgment of his "Arboretum," see § 107.

*†GRIFFITH (J. W.), and A. HENFREY. Micrographic Dictionary,
Lond. 1856. 8°. Ed. 3. 18[71-]75.

The Physiological Botany is by Henfrey.

*†LINDLEY (J.), & T. MOORE. Treasury of Botany. Lond. 1866.
2 vols. 8°. Ed. 2. 1876.

A most useful and handy book for reference; the editors were
assisted by many other botanists in this country.

*†BAILLON (H.) Dictionnaire de Botanique. Paris, 1876. 4°.→

A very useful book, but progressing very slowly.

§ 7.—KEYS TO OTHER BOOKS.

Arranged alphabetically from BULLIARD to WIGHT.

TRINTUS (C. B.). *Clavis Agrostographiae antiquioris*. Coburg, 1822. 8°.

LE TURQUIER DELONGCHAMP & LEVIEUX. *Concordance des figures de plantes cryptogames de Dillen, Micheli, Tournefort, Vaillant et Bulliard, avec la nomenclature de De Candolle, Smith, Acharius et Persoon*. Rouen, 1820. 8°.

KICKX (J.). *Clavis Bulliardiana*. . . . Gandavi, 1857. 8°.

*BUEK (H. W.). *Genera, species et synonyma Candolleana*. . . . Berol. 1840—. 8°.

Index to the *Prodromus*, see § 50.

CURTIS (S.). *General Indexes to* . . . the first 53 vols. or old series complete of the *Botanical Magazine*. Lond. 1828. 8°.

KLINSMANN (E. F.). *Clavis Dilleniana ad hortum Elthamensem*. Danzig, 1856. 4°.

GISEKE (P. D.). *Index Linneanus in Dillenii Hist. Musc.* Hamb. 1779. 4°.

AVOINE (P. J. d') and C. MORREN. *Concordance*. . . R. Dodoens. Malines, 1850. 8°.

SEHLMAYER (J. F.). *Index alphabeticus* . . . in *Epicrisi* . . . *Friesii*. . . . Col. ad Rhen. 1852. 8°.

MARCUS (S.). *Iconum botanicarum Gesnerio-Camerarianum minorum nomenclator Linneanus*. Traiecti ad Viad. [1781.] 4°.

†Index pl. in *Linnaei sys. naturae* ed. X^{ma} . . . Hafniae, 1761. 12°.

†[JACQUIN (N. J.)]? *Index regni vegetabilis* . . . pl. omnes . . . in *Linneani systemati* Ed. 12^{ma}. Viennae, 1770. 8°.

†[—] *Index plantarum, quae continentur in Linneani syst.* Ed. 14^{ma}. Viennae, 1785. 8°.

COYTE (W. B.). *Index plantarum*. Lond. 1807. 8°.

Index as far as vol. iii. pt. 1. of Willdenow's ed. of the *Species plantarum*;—only the first vol. came out.

†MUELLER (F.). *Index perfectus ad C. Linnaei Species Plant.* Melb. 1880. 8°.

STERNBERG (C.). *Cat. pl. ad septem varias editiones commentariorum Matthioli*. Pragae, 1821. fol.

L. (D. G. H.). *Index Botanicus sistens omnes Fungorum species*

- in D. C. H. **Persoonii** Synopsi methodica Fungorum enumerata.
 . . . Gottingae, 1808. 8°. (Reprinted). Lond. 1819.
 The London reprint under the auspices of T. F[orster].
- LE TURQUIER DELONGCHAMP, & LEVIEUX. Concordances de **Persoon**
 avec De Candolle et avec Fries. . . . Rouen, 1826. 8°.
- GISEKE (P. D.). Index Linneanus in **Plukenetii** opera . . .
 Hamburgi, 1779. 4°.
- TENZEL (F. B. A.). Nomenclator systematicus in L. **Plukenetii**
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- DENNSTEDT (A. W.). Schluessel zum [**Rheede tot Draakestein**]
 Hortus indicus malabaricus. Weimar, 1818. 4°.
- DILLWYN (L. W.). Review of the references to the Hortus mala-
 baricus. Swansea, 1839. 8°. (Privately printed.)
- *HASSKARL (J. K.). Horti malabarici clavis nova. Regensburg,
 1862. 8°.
- HENSCHEL (A. W. E. T.). Clavis **Rumphiana**. Vratislaviae, 1833. 8°.
- *HASSKARL (J. K.). Neuer Schluessel zu **Rumph's** Herbarium
 amboinense. Halle, 1866. 4°.
- SOWERBY (J. E.). General Indexes to "English Botany." Lond.
 1804. 8°.
- MÉRAT (F. V.). Revue de la Flore Parisienne . . . de **Vaillant**,
 avec les noms Linnéens. . . . Paris, 1843. 8°. Appx. 1846.
- †HENDEL (J. C.), and C. L. WILLDENOW. Index generum. . . .
 C. L. **Willdenow** citatarum. Halae, 1806. 8°.
- CLEGHORN (H.). Index to **Wight's** Icones. Madras, 1856. 4°.

§ 8.—NOMENCLATORS.

- †CLERCK (C.). Nomenclator extemporaneus rerum naturalium:
 Plantarum . . . secundum syst. nat. Linneanum. Stockh.
 1759. 8°.
- †Plantae in ordine simplici vocabulis propriis delineatae. Insulae
 Marianaë, 1777. 8°.
- †FORSYTH (W.). Botanical Nomenclator. Lond. 1794. 8°.
- RAENSCHEL (E. A.). Nomenclator botanicus. . . . Ed. 3. Lips.
 1797. 8°.
- Editions 1. and 2. were published anonymously.
- †COYTE (W. B.). Index plantarum. Lond. 1807. 8°.

An alphabetical arrangement of all genera and species, then known
 in Classes I—XVI of the Linnean classification; the book may be
 used as an Index to Willdenow's Ed. Species Plantarum, to end
 of vol. iii. pt. 1.

DENNSTEDT (A. W.). *Nomenclator botanicus*. . . . Eisenbergae, 1810. 2 vols. 8°.

LICHTENSTEIN (A. G. G.). *Index alph. generum botanicorum*. . . . Helmstadii, 1814. 8°.

Has references to Willdenow's *Sp. Pl.* and Persoon's *Synopsis*.

HENCKEL VON DONNERSMARCK (L. V. F.). *Nomenclator botanicus*. . . . Halae, 1803. 8°. Ed. 2. 1821.

*†STEUDEL (E.). *Nomenclator botanicus*. Stutt. & Tub. *Phanerogamae*, 1821. *Cryptogamae*, 1824. 2 vols. 8°. Ed. 2. (*Phanerogams only*), 1840-1. 2 vols. 8°.

See Pritzel, *Thes.* 2. 8965, which only gives vol. i. of Ed. 1.

*PFEIFFER (L.). *Synonymia botanica*. . . . ad finem anni 1858. . . . Cassellis, 1870. 8°.

*†——— *Synonymiae botanicae 1870 editae supp. prim.* Cassel. 1874. 8°.

*†——— *Nomenclator botanicus*. Cassellis, 187[2-]4. 2 vols. 4°. A work of immense labour, comprehending the history of each genus and section, down to 1858.

†ALABIN (P.). *Plant Lexicon*. *S. Peterb.* 1875. 8°. (Russ.)

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HEYNHOLD (G.). *Nomenclator botanicus hortensis*. Dresden, 1840. 8°.

KOCH (K.). *Hortus dendrologicus*. Berlin, 1853. 8°.

*STREINZ (W. M.). *Nomenclator fungorum*. . . . Vindob. 1862. 8°. The Supplement was issued in 1863.

HOFFMANN (H.). *Index fungorum*, . . . Lipsiae, 1863. 8vo. Not strictly accurate.

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An edition dated 1861 is repudiated by the author; it is simply a reprint, with new title.

§ 9.—SYSTEMS.

RAY (J.). *De variis plantarum methodis*. Lond. 1696. 8°. Appended to his *Synopsis*, Ed. 2.

——— *Methodus plantarum nova*, . . . Amst. 1682. 8°.

*——— *Meth. pl. emendata et aucta*; . . . Lond. 1703. 8°. Reprinted, Amst. 1710. Lond. 1733.

KNAUT (C.). *Methodus plantarum genuina*, . . . Lipsiae, 1716. 8°.

*LINNAEUS (C.). *Critica botanica*, . . . Lugd. Bat. 1737. 8°.

*——— *Classes plantarum*, . . . Lugd. Bat. 1738. 8°.

*——— *Fundamenta botanica*. Amst. 1736. 8°.

Many subsequent editions, it being amongst others reprinted twice by C. Alston.

WEDEL (J. W.). *Tentamen botanicum flores pl. in classes*. . . .
Ed. 2. Jenae, 1748. 4°.

PROTENHAUER (C. F.). *Systema pl. sexuale ad naturam compositum*. . . . Wittebergae [1767]. 4°. (Pr., J. D. Titius.)

†*Genera plantarum ex ed. 12^{ma} systematis natura C. Linné*. Edinb. 1771. 8°.

*LINNAEUS (C.). *Philosophia botanica*. Stockholmiae, 1751. 8°.
Ed. [6.] Torn. Nerv. 1824.

Trans. by H. Rose, in his *Elements of Botany*, 1775. There are two Spanish versions, and one German.

GLEDITSCH (J. G.). *Syst. pl. a staminum situ*. Berol. 1764. 8°.

†[HOUGHTUYN (M.).] *Handleiding tot de plant- en kruidkunde, benevens eene uitvoerige beschrijving der boomen, planten, husters, kruiden, varens, mossen, bolen, grasplanten volgens het zamenstel van C. L.* Amst. [1773]. 14 vols. 8°.

See Pritzel, 5431. Houttuyn here recast Linnaeus's *Systema*, as much as Willdenow recast the *Species Plantarum*.

†LINNAEUS (C.) *The families of Plants*, . . . translated [by R. W. Darwin] from . . . *Genera and Mantissae*. . . . Lichfield, 1787. 2 vols. 8°.

MUELLER (or MILLER) (J. S.). *Illustratio syst. sexualis Linnaei*. Lond. 1779. fol. [Ed. 2.] by M. B. Borckhausen, Francof. 1792 and 1804.

——— *Illustration of the sexual system of Linnaeus*. Lond. 1779–89. 2 vols. 8°.

MARTYN (T.). *Thirty-eight plates* . . . Linnaeus's system of vegetables. Lond. 1788. 8°.

COTHENIUS (C. A.). *Dispositio vegetabilium* . . . a staminum . . . desumta. Berol. 1790. 8°.

†RUTHERFORD (D.). *Characteres generum plantarum*. Edinb. 1793. 8°.

AUGIER (A.). *Essai d'une nouvelle classification*. Lyon, 1801. 8°.

†MOUTON-FONTENILLE [J. P.]. *Tableau des systemes de Botanique*. Lyon, 1801. 8°.

Confessedly a translation of Linnaeus's *Classes Plantarum*, with changes and additions; Pritzel gives the date as 1798.

†CURTIS (W.). Linnaeus's system of Botany, . . . Lond. [1777.]
4°. [Ed. 2. 1803.]

LINNAEUS (C.). General System of Nature. Ed. W. Turton. Lond.
1802-6. 7 vols. 8°. Vols. v. and vi. Vegetables.

*THORNTON (R. J.). New illustration of the sexual System of
Linnaeus, . . . Lond. [1799-1809]. fol.
Needlessly splendid illustrations.

†DARWIN (R. W.) Principia botanica, . . . Newark, 1787. 8°.
Ed. 3. 1810.

Ed. 1. was anonymous, and Ed. 2. under initials only.

†WYBURD (H.). Introduction to the Linnean classification. Lond.
1810. 12°.

†The Classes and Orders of the Linnaean system of Botany. Lond.
1814-6. 3 vols. 8°.

The illustrations are chiefly from British plants.

†BICHENO (J. E.). On Systems and Methods in Natural History.
Lond. 1827. 4°.

FORSYTH (J. S.). First Lines of Botany. . . . Lond. 1827. 4°.

ALLMAN (W.). Analysis . . . generum plantarum phanerostemonum.
Lond. 1828. 4°.

Deals only with European plants.

†HARDCASTLE (L.). Elements of the Linnean system. Lond. 1830. 4°.
Ed. 2. 1833.

CASTLE (T.). Synopsis of Systematic Botany. Lond. 1833. 4°.

LINDLEY (J.). Nixus plantarum. Lond. 1833. 8°.

German Transl. Nuernb. 1834.

LEES (E.). Affinities of Plants with Man. Lond. 1834. 8°.

†HORANINOW (P.). Primae lineae systematis naturae. . . . Petrop.
1834. 8°.

Phytologia, pp. 42-105.

†HELM (T.). Diss. bot. sistens quaestionis de methodo physico
historica . . . in botanicam applicanda. Vindob. 1835. 8°.

CASTLE (T.). The Linnean system. . . . Lond. 1837. 4°.

LINDLEY (J.). Introduction to the natural system of Botany.
Lond. 1830. 8°. Ed. 3. 1839. "American Edition," by
Torrey, 1831. German ed. Nuernb. 1834.

BASKERVILLE (T.). Affinities of Plants. Lond. 1839. 8°.

†OKEN (L.). Idee sulla classificazione filosofica dei tre regni della
natura. Milano, 1840.

Regno vegetale, pp. 23-36.

- †HORANINOW (P.) *Tetractys naturae, seu systema . . . omnium naturalium.* Petrop. 1843. 8°.
- †FRANCIS (G.). *Favourites of the Flower Garden.* Lond. 1844. 8°.
An introduction to the Natural System, illustrated by garden plants.
- ADANSON (M.). *Histoire de la botanique. . . .* Ed. 2 (posthumous). Paris 1864 (printed 1847).
- HORANINOW (P.). *Characteres essentielles familiarum. . . . regni vegetabilis.* Petrop. 1847. 8°.
- BUNCE (D.). *Linnean system of Botany.* Melbourne, 1851. 8°.
- DRUMMOND (J. L.). *Natural systems of Botany.* Lond. 1849. 8°.
Re-issued about 1852 as Ed. 2.
- †Linnés och Fries systemer. . . . Stockh. 1854. 8°.
- TWINING (E.). *Natural orders of Plants.* Lond. 1849-55.
2 vols. fol.
Artistic groups of flowers.
- †[SERINGE (N. C.).] *Methode naturelle ou de Jussieu. s. l. et a.* 4°.
Lithographed facsimile.
- AGARDH (J. G.) *Theoria systematis plantarum.* Lond. 1858. 8°.
- †KARSTEN (H.). *Plantarum familiae secundum ordines naturales dispositae.* Berol. [1861]. fol.
- †[ARNOTT (G. A. W.).] *Characteristics of most of the Nat. Orders.* Glasgow, 1862. 8°.
- HANSTEIN (J.). *Uebersicht des natuerlichen Pflanzen-Systems.* Bonn, [1867]. 8°.
Lithographed diagrams, on which the relations of the various groups are depicted in the manner of a map.
- CLARKE (B.). *New arrangement of phanerogamous plants. . . .* Lond. 1866. fol.
- †——— *Systematic Botany and Zoology (incl. new arr. &c.)* Lond. 1870. fol.
- †CLOS (D.). *Classifications botaniques modernes.* Toulouse, 1870. 8°.
- †REICHENBACH (H. G.). *Beitraege zur systematischen Pflanzenkunde.* Hamb. 1871. 4°.
- †Schluessel. . . . *Pflanzen-Gattungen ueber den Linneischen System.* Ed. 2. Elbing, 1872. 16°.
- †KANITZ (A.). *A Természetes noevényrendszer attekinsése.* Kolozvártt, 1874. 8°.
Sketch of the Natural System.
- †ABERLE (C.). *Vergleichende Zusammenstellung der gebraeuchlicheren Pflanzensysteme. . . .* Wien, 1876. 8°.
- †HALLIER (E.). *Schule der systematisches Botanik.* Breslau, 1878. 8°.
- †PAMART (E.). *Resumé de classification botanique. . . .* Lille, 1878. 8°.

PRE-LINNEAN BOTANY.

§ 10. BIBLICAL BOTANY.

- NEWTON (T.). Herbal for the Bible. . . . Lond. 1587. 8°.
 Transl. of L. Lemnius, see Pritzel, Thes. 2, No. 5213.
- RUMETIUS (L.). Scripturae sacrae viridarium. . . . Paris, 1826. 8°.
- COCQUIUS (A.). Historia . . . plantarum . . . in sacra scriptura.
 Vlissingae, 1664. 4°.
- WESTMACOTT (W.). Theobotanologia. . . . A Scripture Herbal.
 Lond. 1694. 12°.
- URSINUS (J. H.). Arboretum biblicum. . . . Norimb. 1663. 8°.
 Ed. [4.] 1699. 2 vols. 8°.
- CELSIUS (O.). Botanici sacri exercitatio. . . . Upsaliae, 1702. 8°.
- HILLER (M.). Heiophyticon. Trajecti ad Rhenum, 1725. 4°.
- SCHEUCHZER (J. J.). Physica sacra iconibus illustrata. . . . Augustae
 Vindel. 1732-5. 5 vols. fol.
 Also in French, Physique sacrée, Amst. 1732-7. 8 vols. fol.
- ROHR (J. B.). Phytotheologia. . . . Frankfurt, 1740. 8°. Ed. 2.
 1745.
- CELSIUS (O.). Hierobotanicon. . . . Upsaliae, 1745-7. 2 vols. 8°.
 Some copies bear the imprint, Amst. 1748.
- GESNER (J.). Phytographia sacra. . . . Tiguri, 1759-63. 4°.
 Eleven Theses, each defended by several students, from seven to
 fourteen in number.
- †HARRIS (T. M.). Natural History of the Bible. (Boston, [U. S.]
 1793. 12°. Ed. [2] 1820. 8°.) Lond. 1824. 8°.
 The last a reprint of the second American edition.
- DUNCAN (J. S.). Botanical Theology. Ed. 2. Oxford, 1826. 8°.
- †FROST (J.). Mustard Tree . . . New Testament. Lond. 1827. 8°.
 The author identifies this with *Phytolacca dodecandra*.
- †CARPENTER (W.). Scripture Natural History. Lond. 1828. 8°.
- †BUCKHAM (P. W.). Remarks on *Phytolacca dodecandra* or the
 Mustard Tree of the Scriptures. Lond. 1829. 8°.
- ROSENMUELLER (E.F.K.). Handbuch der biblischen Alterthumskunde.
 Leipzig, 1830. 8°.
- The Mineralogy and Botany of the Bible. Edinb. 1840. 12°.
 Trans. from the German by T. G. Repp and N. Morren, Veg.
 Kingdom of Bible, pp. 67-331, and Index.

†Scripture Garden Walk. Lond. 1832. 8°.

Professes to notice every Biblical plant.

†Christian Florist. Chelsea, 1832. 16°. Ed. [2.] Lond. 1835.

†TAYLOR (J.). Bible Garden. Lond. 1836. Ed. 2. 1839.

JOHNS (C. A.). Flora sacra. . . . Lond. 1840. 12°.

CALLCOTT (M.), *née* GRAHAM. Scripture Herbal. Lond. 1842. 8°.

†ROYLE (J. F.). Identification of the Mustard tree and the Hyssop of Scripture. [Lond.] 1844. 8°.

Further notes will be found in Kitto's Biblical Cyclopædia.

†YOUNG (J.). Trees and flowers . . . in Scripture. Lond. 1848. 12°.

†[PRATT (A.).] Plants and Trees of Scripture. Lond. [1851?]. 12°.

†Juvenile Conversations on the Botany of the Bible. Lond. 1851. 12°.

GORRIE (D.). Illustrations of scripture from botanical science. Lond. 1853. 8°.

†MITFORD (J.). Remarks on the *Sinapi* or Mustard Tree of Scripture. Benhall, 1853. 8°.

BALFOUR (J. H.). The Plants of the Bible. Edinb. 1857. 8°.

†YOUNG (J.). Scripture Natural History. Lond. [1849]. 18°. Ed. [3. 1859].

The Vegetable Kingdom, pp. 207-262, by A. M. Sargeant, the Vine and the "Palm Tree" are treated of in the Zoological portion of the work.

†BALFOUR (J. H.). Phyto - Theology. Lond. 1851. 8°. Ed. 3. Edinb. 1859.

Ed. 3 has the title altered to "Botany and Religion";—"Ed. 2, 1863."

†—— Lessons from Bible Plants. . . . Glasgow [1851?] 32°.

Title from coloured wrapper, date also given as [1870].

†—— The Plants of the Bible. Lond. 1857. 8°.

CULTRERA (P.). Flora biblica. . . . Palermo, 1861. 8°.

†Botanique biblique, . . . Genève, 1861. 12°.

BLESSNER (G.). Flora sacra. New York, 1864. 8°.

†TRISTRAM (H. B.). Natural History of the Bible. Lond. 1867. 12°.

†DUNS (J.). Biblical Natural Science. . . . Lond. [1863-8]. 4°.

The botanical portion is very scanty.

†HAMILTON (E.). La Botanique de la Bible. Nice, 1872. 2 vols. 8°.

Photographic illustrations.

†SMITH (J.). Bible Plants. Lond. 1878. 12°.

DUSCHAK (M.). Zur Botanik des Talmud. Pest, 1870. 8°.

§ 11.—CLASSICAL BOTANY.

‡WILSON (A. S.). Botany of Three Historical Records. Edinb. 1878. 8°.

‡UNGER (F.). Die Pflanzen des alten Aegyptens. Wien, 1859. 8°.
FALCONER (W.) Miscellaneous Tracts. . . . Camb. 1793. 4°.

Contains, Tabula plantarum in priscis scriptoribus graecis maxime repertarum: . . . pp. 109-190, with names from C. Bauhin, Linnaeus, Ray, Parkinson, etc.

LANGGUTH (G. A.). Antiquitates plantarum feralium apud Graecos et Romanos. Lips. 1738. 4°.

*BILLERBECK (H. L. J.). Flora classica. Leipzig, 1824. 8°.

*FRAAS (C.). Synopsis plantarum florae classicae . . . Muenchen, 1845. 8°.

DUMOLIN (J. B.). Flore poétique ancienne. . . . Paris, 1856. 8°.

LENZ (H. O.). Botanik der alter Griechen und Roemer. . . . Gotha, 1859. 8°.

DAUBENY (C. G. B.). Trees and Shrubs of the Ancients. . . . Lond. 1865. 8°.

MEYER (E. H. T.). Damasceni de plantis . . . Aristoteli vulgo adscripti. Lips. 1841. 8°.

WIMMER (F.). Phytologiae Aristotelicae fragmenta. Vratislaviae, 1838. 8°.

‡FRIES (E.). Aristotelis Vaextlaera. Upsala, 1842. 8°.

Nocca (D.). Illustratio . . . plantarum . . . in J. Caesaris commentariis. . . . Ticini, 1812. 4°.

‡ROTTBOLL (C. F.). Anmaerkninger til Cato De Re Rustica . . . Kiobenhavn, 1790. 4°.

DIOSCORIDES (P.). Opera quae extant omnia. Lugd. & Francof. 1598. fol.

This edition has the original Greek, and a Latin Translation, by J. A. Saracen, in parallel columns, and is considered the Editio Princeps. Versions exist in French, Spanish, Italian and German.

EUCHHOLZ (J. B.). Flora Homerica. Culm, 1848. 4°.

†BUCHHOLZ (E.). Die drei Naturreiche nach Homer. Leipzig, 1873. 8°.

This forms Vol. i. Abth. 1 of the author's Homerischen Realien. II. Das Pflanzenreich, pp. 211-285.

PLINIUS SECUNDUS (C.). Historiae naturalis libri XXXVII. (Editio princeps). Venetiis, 1469. fol.

†———Id. D. Derlefsen recensuit. 1867-73. 5 vols. 8°.

FÉE (A. L. A.). La Botanique de Plin. . . . Paris, 1833. 3 vols. 8°.

Fifty copies printed separately from Panckoucke's ed. of Pliny.

FÉE (A. L. A.). Flore de Theocrite. . . . Paris, 1832. 8°.

THEOPHRASTUS ERESIOS. Opera quae supersunt. . . . Lips. 1818-21. 5 vols. 8°.

About 20 other editions, from 1483 to 1866, of which Stackhouse's edition, Oxon. 1813-14, is perhaps the most unsatisfactory. The Leipzig edition quoted here came under the supervision of H. F. Link and J. G. Schneider.

SCALIGER (J. C.). Commentarii . . . Theophrasti. Lugd. 1566. fol.

———Animadversiones in hist. Theophrasti. Lugd. 1584. 8°.

STACKHOUSE (J.). Illustrationes Theophrasti. . . . Oxonii, 1811. 8°.

[PAULET, J. J.] Examen d'un ouvrage, "Illustrationes Theophrasti. Oxon. 1811. 8°." Melun, 1816. 8°.

†KIRCHNER (O.). Die botanischen schriften des Theophrast von Eresios. Leipzig, 1874. 8°.

RETZIUS (A. J.). Flora Virgiliana. . . . Lund, 1809. 8°.

FÉE (A. L. A.). Flore de Virgile. Paris, 1822. 8°.

PAULET (J. J.). Flore . . . de Virgile. . . . Paris, 1844. 8°.

†CLOS (D.). Les Plantes de Virgile. Toulouse, 1872. 8°.

†KOCH (K.). Die Baeume und Straeucher des alten Griechenlands. Stuttg. 1879. 8°.

†HOGG (J.). Observations on some of the Classical Plants of Sicily. Lond. 1834. 8°.

†YATES (J.). Acanthus. . . . Lond. 1845. 8°.

TENOIRE (M.). Dell' Erba Baccara degli antichi. Napoli, 1852. 4°.

DUPPA (R.). Lotus of Antiquity. Lond. 1813. 4°.

DUPPA (R.). Lotus of the Ancients. Lond. 1816. fol.

Only 25 copies printed.

†[HATCHETT (C.).] On the Spikenard of the Ancients. Lond. [1836]. 4°.

†OERSTED (A. S.). Et Bidrag til Tydning af den i Oldtiden under Navn af Silfion. . . . [Ferula sp.]. Kjob. 1869. 8°.

†Memoire sur le Silphium cyrenaicum. Paris, 1876. 4°.

†HERINCE (F.). La verité sur le prétendu silphium de la cyrenaïque (Silphium cyrenaicum, Saval). Paris, 1876. 8°.

†Strictures on Sir J. E. Smith's Hypothesis. . . . Lilies of the Field, and the Acanthus of Virgil. Lond. 1819. 8°.

§ 12. EARLY MODERN.

From the revival of learning to the time of LINNÆUS.

Ortus Sanitatis.

Reprinted many times and in various languages. See Pritzel, Thes. 2. 10816-10837.

Le grant herbier. . . . Paris, s. a. 4°.

Other editions, see Pritzel, Thes. 2. 10763.

MEGENBERG (K.). . . . Das puch der natur, . . . Augspurg, [1475]. fol.

Reprinted 1861.

Herbarius. Maguntie, 1484. 4°.

Many subsequent editions.

Liber aggregationis . . . falso Alb. Magno adscriptus. Argent. 1493. 8°.

Other editions.

†Albertus Magnus De/ virtutibus herbarum./ De virtutibus Lapidum./ De virtutibus Animalium De mirabilibus/ mundi Paruum/ Regimen sanitatis valde/ vtile. s. l. et a. et typ. 4°.

BARTHOLOMÆUS ANGELICUS. Liber de proprietatis rerum. impr. Koelhoff, 1481. 4°. In English. Lond. 1535. fol.

†Here begynnyth a newe Mater ye whiche sheweth . . . ye Vertues and Properties of Herbes. . . . Lōdō by me Richarde Banckes, 1526. 4°.

†C[OPLAND] (W.). A boke of the properties of herbes. Lond. s.a. 8°.

†A boke of/ the propertys/ of herbes the/ which is/ called an/ Herbal/. Lond. 1546. 8°.

†A Boke of the Propertyes of Herbes, the which is called an Herbal.
Imp. at London by me, Johan Scot, dwellynge in Fauster
Lane, N.D.

So advertised on coloured wrapper of *Phytologist*, New Series,
Dec. 1857. There is no mention of this edition in Lowndes or
other bibliographical authority I know, nor have I seen the
book itself.

†A boke of the Properties of Herbes. Lond. by me Rob. Redman.
[1530?] 8°.

†Id. „ „ Rich. Kele. 16°.

Id. „ „ me Wylliam Myddylton, 1546.

†Id. „ „ T. Petyt. 1541. 8°.

†The Grete Herbal. Lond. 1526. fol.

Lowndes gives the following dates (*Bibl. Man.* ed. Bohn, p. 1047) :

Printed by Peter Treveris, 1525, 1526, 1529.

„ Laurens Andrewe, 1527.

„ Thomas Gybson, 1539.

„ Jhon Kynge, 1561.

BARBARUS (H.). *Castigationes Plinianae*. Romae, 1492. fol.
(first part). Complete, Basil. 1534. 4°.

Noteworthy as an early criticism upon classical authority.

*——— *Corollarii in Dioscoridem*. Venetiis, 1516. fol.
Coloniae, 1530. fol.

Herbarum, Arborum *Imagines*. . . . Francof. 1522. 4°.

Herbolario volgare. Venetia, 1522.

*BRUNFELS (O.). *Herbarum vivae eicones*. . . . Argent, 1530. fol.

May be regarded as the first product of an actual investigation of
the plants themselves, after the revival of Western learning;
the woodcuts are large and characteristic.

CHAMPIER (S.). *Campus Elysins*. . . . Lugd. 1533. 8°.

——— (or CAMPEGIUS). *Hortus Gallicus pro Gallis in Gallia
scriptus*. Lugd. 1533. 8°.

CORDUS (E.). *Botanologicon*. Coloniae, 1534. 12°.

AMATUS LUSITANUS, *Index Dioscoridis*. . . . 1536. fol.

EGENOLPH (C.). *Herbarum imagines vivae*. Francoforti, 1536. 4°.

*RUELLIUS (J.). *De natura stirpium* . . . Paris, 1536. fol.

Four subsequent editions.

*TURNER (W.). *Libellus de Re Herbaria novus*. Lond. 1538. 8°.

Privately reprinted in facsimile, 1877, 4to., by B. D. Jackson.
The earliest English work on Botany.

DORSTENIUS (T.). *Botanicon*. . . . Francofurti, 1540. fol.

*FUCHS (L.). *De historia stirpium*. . . . Basileae, 1542. fol.

It would be difficult to overpraise the noble full-page woodcuts in this work; they are mostly life-size. The portraits of the draughtsmen and engraver are given at the end of the work.

——— *De stirpium historia* . . . exiguam formam. . . . Basileae, 1545. 8°.

Reduced copies from the folio of 1542, and reversed in the engraving.

FUCHS (R.). *De plantis antea ignotis*. . . . Venetiis, 1542. 12°.

The author of this must not be confounded with *Leonhard* Fuchs.

FUCHS (L.). *New Kreuterbuch*. Basell, 1543. fol.

Three French versions and one Dutch.

CORNARIUS (J.). *Vulpecula excoriata*. Francofurti, 1545. 4°.

One of the violent attacks common to the period; it is an onslaught upon Leonard Fuchs, whose name is played upon in the title.

*TURNER (W.). *The names of herbes*. . . . Lond. [1548.] 8°.

†ASCHAM (A.). *A little Herball*. . . . Lond. 1550. 12°.

*TRAGUS (H.), *i.e.* Bock. *De stirpium*. . . . Argent. 1552. 2 vols. 4°.

Translated from the German by David Kyber. The outline figures on wood are characteristic and good.

——— . . . *Imagines omnium herbarum*. . . . Strasburg, 1553. 4°.

AMATUS LUSITANUS. *In Dioscoridis* . . . enarrationis. . . . Venet. 1553. 4°. (Many later editions.)

*MATTIOLI (P.). *Pedacii Dioscoridis de materia medica* . . . commentariis. Venetiis, 1554. fol.

About 15 editions in Latin, and as many in Italian, German, French and Bohemian. The Latin editions of 1569 and 1583 are remarkable for the magnificent woodcuts which adorn them.

GESNER (C.). *De raris et admirandis herbis*. . . . Tiguri, 1555. 4°.

Ed. 2, by T. Bartholin. Hafn. 1669. 8°.

*LONITZER (A.). *Kreuterbuch*. . . . Frankfurt, 1557. fol.

About twenty later editions.

ANGUILLARA (L.). *Semplici*. . . . Venegia, 1561. 8°.

In Latin, edited by C. Bauhin, Basil. 1593. 8°.

*CORDUS (V.). *Annotationes*. Argent. 1561. fol.

With preface, etc., by Conrad Gesner.

BULLEYNE (W.). *The Booke of simples*. . . . Lond. 1562. fol.

Forms the first part of his "*Bulwarke of defēce*."

COSTEO (G.). *De universali stirpium natura*. Aug. Taur. 1578. 4°.

- ***LYTE (H.)**. A nieuwe Herball. . . . Lond. [Antw. pr.] 1578. fol.
Also in 1586, 1595, 1619, without figures. A translation of Clusius's French version of Dodoens's *Cruydeboeck*, 1563. Lyte's own copy is in the British Museum, the additional notes being in red ink, and the handwriting beautifully precise and regular.
- DURANTE (C.)**. Herbario nuovo. . . . Roma, 1585. fol.
- ***[DALECHAMPS (J.)]** Historia generalis pl. Lugd. 1587. 2 vols. fol.
Quoted by later writers as "Hist. Lugd." There is also a French version, Lyon, 1615.
- CAMERARIUS (J.)**. Hortus medicus. Franc. 1588. 4°.
—— Icones, (same date, almost always included with the above.)
- THALIUS (J.)**. Sylva Hercynia. Francof. 1588. 4°.
Printed with Camerarius, Hortus medicus.
- ***TABERNAEMONTANUS (J. T.)**. Neuw Kreuterbuch. . . . Frankf. 1588. fol.
About five later editions came out.
- *—— Eicones plantarum. . . . Francof. 1590. obl. 4°.
These figures are the same as in the Kreuterbuch, but printed two on a page with names only; the same blocks were afterwards hired (?) by Norton for Gerard's Herbal, 1597.
- EGENOLPH (C.)**. Plantarum, arborum, fruticum, et herbarum, effigiis. Francofurti, 1562. 4°.
- †**ORTA (G.)**. (In Latin **AB HORTO**). Coloquios dos simples. . . . Goa, 1563. 4°.
Transl. Latin by Clusius, Antw. 1567. 8°. (4 eds.) English. Lond. 1577. A very rare book, the author's name is given by Dryander and Pritzel as "del Huerto."
- †**MAPLET (J.)**. A greene Forest. . . . Lond. 1567. 8°.
"The second Booke of the Aegemonie or chiefest vertues in all the whole kinde of Plants, and of his parts, as of Herbs, Trees and Shrubs."—pp. 24-66.
- †**[DU GORT]**. L'Histoire et pourtrait des plantes, . . . Lyon, 1561. 12°.
- ***TURNER (W.)**. A newe Herball. . . . Part I. Lond. 1551. fol.
Part II. Collen, 1562. Part III. Collen, 1568.
With the third part was issued a revised edition of Parts i. and ii.
- CORDUS (V.)**. Stirpium descriptionis lib. 5^{ta}. Argent. 1563.
Revised ed. Norimb. 1751. fol.
- CAJUS (J.)**. De . . . stirpium. . . . Lond. 1570. 8°.
- ***PENA (P.)**, & **M. LOBELIUS**. Stirpium adversaria nova, . . . Lond. 1570. fol.
Reissued Antw. 1576; again with *Adversariorum altera pars*. Lond. 1605.

LOBELIUS (M.), *i.e.* DE L'OBEL. *Plantarum seu stirpium historia*.
Antw. 1576. fol.

*——— *Icones*. Antw. 1581. obl. 4°.

Again in 1591, with Index in seven languages.

*CAMERARIUS (J.). *De plantis Epitome*. . . . Francof. 1586. 4°.

An abridgment of Matthiolus, with Gesner's excellent figures.

*COLUMNA (F.), *i.e.* COLONNA. *Phytobasanos*. Neapoli, 1592. 4°.

The first plates on copper, etched by the author himself. Another edition, with *copies* of the original plates, came out, Mediolani, 1744, sm. fol.

*GERARD (J.). *The Herball*. Lond. 1597. fol.

[Ed. 2.] Enlarged and amended by Thomas Johnson, 1633, and 1636, both being line for line the same. By far the most popular of our old Herbals.

*MATTHIOLUS (P. A.), *i.e.* MATTIOLI. *Opera, quae extant omnia*.
Basiliae, 1598. fol.

Edited by C. Bauhin; best complete edition.

*CLUSIUS (C.). *Rariorum plantarum historia*. Antw. 1601. fol.

Includes the Hispania and Pannonia, with some additions.

†FRAGOSO (J.). *Aromatum, fructuum et simplicium*. . . . Argent.
1601. 8°.

Also a Latin version, *Discursos*, Madr. 1572. 8°.

CESALPINI (A.). *De plantis lib. XVI*. Florentiae, 1583. 4°.

Appendix. . . . Romae, 1603. 4°.

This is the celebrated production which first defined a rational system of arrangement.

*RENEALMUS (P.). *Specimen historiae plantarum*. Paris, 1611. 4°.

Illustrated by etchings, which admirably express the habits of the plants depicted.

BRY (J. T.). *Florilegium novum*. [Oppenheim], 1612. fol.

SWEERT (E.). *Florilegium*. . . . Francof. 1612. fol.

Five subsequent editions; containing rough woodcuts.

PASSAEUS (C.), *i.e.* DU PAS. *Hortus floridus*. Arnhemii, 1614[–17].
obl. 4°.

†——— *A garden of Flowers*. . . . Utrecht, 1615. obl. fol.

*DODONAEUS (R.), *i.e.* DODOENS. *Stirpium hist. pemptades sex*.
Antw. 1583. fol.

Revised edition in 1616. This last is that quoted by Linnaeus in his *Species Plantarum*, chiefly for figures of European plants.

*COLUMNA (F.). *Ecphrasis*. Romae, 1616. 4°.

An earlier edition is stated to exist (1606), but I have not seen it; this work (also the *Phytobasanos*) is much sought after, on account of the beautifully executed plates.

PASSAEUS (C.). *Cognoscite lilia*. . . . s. l. & a. 4°.

99 plates with names in Latin, French, English and German.

*BAUHIN (C.). *Pinax theatri botanici*. Basiliae, 1623. 4°. repr. 1671.

One of the most celebrated books of the early botanists; it is a synonymic list of the entire number of plants then known. Linnaeus quotes it throughout his *Species Plantarum*.

ALPINUS (P.). *De plantis exoticis*. . . . Venet. 1627. 4°.

†[JOHNSON, T.] *Woodcuts of Plants*. [Lond. circa 1640.] fol.

These are asserted by C. Merrett in a MS. note in the British Museum copy, to have been engraved for a book of Johnson's which never came out.

LANGHAM (W.). *Garden of health*. Lond. 1579. 4°. Ed. 2. 1633. 4°.

*PARKINSON (J.). *Paradisus terrestris*. . . . Lond. 1629. fol. Repr. 1656.

An ample account of the ornamental plants in the gardens of the period.

*——— *Theatrum botanicum*. . . . Lond. 1640. fol.

*JOHNSON (T.). *Opuscula omnia botanica*. . . . Lond. 1847. 4°.

A reprint of this writer's little books, edited by T. S. Ralph.

BESLER (M. R.). *Gazophylacium*. Lips. 1642. fol.

*BAUHIN (J.), & J. H. CHERLER. *Historia plantarum universalis*. Ebroduni, 1650-1. 3 vols. fol.

Good descriptions of the whole of the then-known plant-world. The work came out after the death of the authors, under the care of Chabraeus, and suffered considerably thereby.

CULPEPER (N.). *The English Physitian enlarged*. Lond. 1653. 8°.

Many subsequent editions, amongst them one in Welsh, Caermarthen, 1818, 12°.

CAMPI (B. & M.). *Spicelegio botanico*. . . . Lucca, 1654. 4°.

LOBELIUS (M.). *Stirpium illustrationes*. Lond. 1655.

Edited by W. How from Lobel's papers, with notes by the editor constituting a most vindictive attack upon Parkinson.

PANCHOW (T.) *Herbarium portatile*. . . . Berlin [1654.] 4°. Leipzig, 1656. 4°.

†TOULOUSE (G.). *Livre de Fleurs*. . . . Mont Pelier, 1656. 4°.

*COLES (W.). *Art of simpling*. Lond. 1656. 12°.

*——— *Adam in Eden*. Lond. 1657. fol.

DUNSTALL (J.). *A booke of flowers*. . . . Lond. 1661.

†[STENT (P.)]? *A Book of Flowers, Fruicts, . . . etc.* Lond. 1661. fol.

JONSTON (J.). *Dendrographias*. . . . Francofurti, 1662. fol.
Ed. 2 (title altered to "*Hist. nat. de arboribus*"), 1768.
2 vols.

AMBROSINI (G.). *Phytologiae*. . . . Bonon. 1666. fol.

MORISON (R.). *Praeludia botanica*. I. Hortus regius Blesensis, II.
Hallucinationes Caspari Bauhini in Pinace. Lond. 1669. 12°.

†ROBERT (N.). *Variae ac multif. Florum species appressae ad
Vium et aeneis tabulis incisae*. Paris [1670?]. 4°.

Thirty-one plates with the plants arranged alphabetically according
to their Latin names. I have only seen the copy which Linnaeus
possessed, now in the Library of the Linnean Society.

FRANKE (G.). *Lexicon vegetabilium usualium*. Argent. 1672. 12°.
Ed. 4. 1705. (Also 6 eds. in German.)

GREW (N.). *Phytological history*. Lond. 1673. 8°.

AMMANN (P.). *Suppellex botanica*. Lipsiae, 1675. 8°.

*ZANONI (G.). *Istoria botanica*. . . . degl' antichi. . . . Bologna,
1675. fol.

DODART (D.). *Histoire des plantes*. Paris, 1676. fol.

CHABRAEUS (D.), i.e. CHABREY. *Stirpium icones*. 1677. fol.

The figures from J. Bauhin's *Hist. Pl.* without the text.

Histoire des plantes. . . . Lyon, 1683. 2 vols. 8°.

Seven later reprints.

TIL-LANDZ (E.). *Icones novae*. . . . Aboae, 1683. 8°.

TURRE (G.). *Historia plantarum*. . . . Patavii, 1685. fol.

NEWTON (J.). *Enchiridion universale plantarum*. [Lond. *circa*
1689.] 8°.

No title-page; see Dryander, *Bibl. Banks*, iii. 37.

ALDROVANDUS (U.). *Dendrologiae naturalis*. . . . Bonon. 1668. fol.
Ed. 3. Francof. 1690.

RIVINUS (A. Q.). *Introductio generalis in rem herbariam*. Lips.
1690. fol. Ed. 3. 1720. 12°.

The third edition has a reply to the attack made on Rivinus's
views by Dillenius.

——— *Ordo plantarum*. . . . monopetalo. Lips. 1690. fol.

——— " " . . . tetrapetalo. Lips. 1691. fol.

——— " " . . . pentapetalo. Lips. 1699. fol.

——— *Icones plantarum*. . . . hexapetalo. (Lips. *circa* 1760.) fol.

†WAGENITZ (M. E.). *Disp. botanico-physica de plantis in genere*.
. . . . *Servestae*, [1691]. 4°.

PECHAY (J.). *Compleat Herbal*. . . . Lond. 1694. 8°.

CUPANI (F.). *Hortus Catholicus*. Neapoli, 1696-7. 4°.

- ZWINGER (T.). *Theatrum botanicum*. . . . Basel, 1696. fol.
[Ed. 2.] 1744.
- *MORISON (A.). *Plantarum historiae universalis*. . . . Oxon. 1680-99. 2 vols. fol.
Vol. i. containing trees and shrubs was never printed. Vol. iii. was edited after Morison's death, by J. Bobart.
- *RAY (J.). *Historia plantarum*. . . . Lond. 1686-1704. 3 vols. fol.
A complete enumeration of the plants then known, aided by lists from W. Sherard and others. A work of great labour and judgment.
- *PETIVER (J.). *Opera*. . . . Lond. 3 vols. fol. Consisting of
Musei Petiveriani Cent. I.-X. Lond. [1692-1703]. 8°. *Gazophylacii*. . . . decades X. Lond. 1702-9. 2 vols. 8°. and fol.
- *TOURNEFORT (J. P. de). *Elemens de botanique*. . . . Paris, 1694. 3 vols. 8°. Ed. 2 by Ant. de Jussieu & N. Jolyclerc. Lyon, 1797. 6 vols. 8°.
- FALUGI (V.). *Prosopopeiae botanicae*. . . . Rivini. . . Florentiae, 1697-9. 12°.
- , . . . Tournefortiana, . . . 1705. 12°.
- *TOURNEFORT (J. P. de). *Institutiones rei herbariae*. Paris, 1700. 3 vols. 4°. Ed. 3. by Ant. de Jussieu, Lugd. 1719.
Little more than a Latin version of the "Elemens."
- *RUDBECK (O.). *Campi Elysii, liber 2^{us}*. . . . Upsala, 1701. fol.
—, . . . liber 1^{us}. Upsala, 1702. fol.
Both volumes rare, the second extremely so, the bulk of the impression having perished by fire in the Cathedral of Upsala; there is a good copy in the Sherardian Library at the Botanic Gardens, Oxford, which is believed to be unique in its completeness.
- MUNTING (A.). *Phytographia curiosa*. Lugd. Bat. 1702. fol.
- TOURNEFORT (J. P. de). *Corollarium Institutionum rei herbariae*. Paris, 1703. 4°.
Twice reprinted.
- COMMELIN (C.). *Praeludia botanica*. . . . Lugd. Bat. 1703. 4°.
Another impression in 1715.
- CLERICUS (J.), i.e. LE CLERC. *Physica*. . . . (Lib. 4 de plantis . . .) Ed. [3. ?] Cantab. 1700. 12°. Ed. 6. 1705.
De plantis, pp. 210-238, in both these editions.
- SALMON (W.). *Botanologia*. . . . Lond. 1710-1. 2 vols. fol.
- ZANNICHELLI (G. G.). *Cat. plantarum terrestrium et marinarum*. Venetiis, 1711-2. 8°?
- KÄMPFER (E.). *Amoenitatum exoticarum*. . fasciculi V, . . Lemgoviae, 1712. 4°.
- GARIDEL (P. J.). *Histoire des plantes*. Aix, 1715. fol.

- *PLUKNET (L.). Opera omnia botanica. . . . Lond. 1720.
4 vols. 4°.

The included works are—I. Phytographia, 1691-96. II. Almagestum, 1696. III. Mantissa, 1700. IV. Amaltheum, 1705.

For an Index, see Giseke, § 8. The plants are in the Sloane Collection.

- MAGNOL (P.). Novus character plantarum. . . . Monsp. 1720. 4°.
‡[KLEIN, J. T.]. Fasciculus pl. rar. et exot. [Gedani], 1726. 8°.
MARTYN (J.). Historia plantarum rariorum. Lond. 1728. fol.
German ed. 1752.

- *MICHELI (P. A.). Nova plantarum genera. . . . Florent. 1729. 4°.
"Oculatissimus Michelius," is the expression used by Linnaeus, concerning the author of this admirable book.

- ‡TOURNEFORT (J. P. de). The Compleat Herbal. Lond. 1716-30. 4°.
Translation ascribed to J. Martyn.

- ‡[LA SERRE] Catalogue des plantes d'usage. . . . [Paris, 1730?] 12°.
The only copy known to me wants the title-page; it commences with page 1, as above, and Linnaeus has written, "La Serre, Hortus plantarum officinalium privatus parisiis." It quotes Boerhaave's Index alter, 1720, so must be somewhat later than that.

- ‡MARTYN (J.). A History of rare plants. . . . Lond. 1728, 1729, 1732. 8°.

Separate titles and register, with continuous pagination.

- [AA (P. VAN DER)]. Icones arborum, fruticum et herbarum. . . .
Lugd. Bat. [1703]. obl. 4°.

- ZANNICHELLI (G. G.). Historia delle piante . . . a Venezia . . .
Venezia, 1735. fol.

Posthumous, edited by G. J. Zannichelli, the son.

- ‡MICHELI (P. A.). Icones Plantarum marinarum (60). [Florence, 1736?] fol.

Not published, the work being incomplete when the author died; I have seen sets in the Banksian and Linnean Society's Libraries. The majority of the figures are of Coral, comparatively few of plants. G. Targioni-Tozzetti published three of the plates with text in 1826.

- *BLACKWELL (E.). A curious herbal. . . . Lond. 1737-9. 2 vols. fol.

Edited also by C. J. Trew, 1750-73, under the title of "Herbarium Blackwellianum."

- SIEGENBECK (J. G.). Botanosophia verioris brevis sciagraphia. . . .
Petrop. 1737. 4°.

- Vaniloquentiae botanicae specimen. . . . Petrop. 1741. 4°.

Attacks upon Linnaeus and his system, which caused him great annoyance.

- *ZANONI (G.). *Rariorum stirpium historia*. . . . Bonon. 1742. fol.
- †*Curioser Botanikus, oder: Sonderbahres Kraeuterbuch*. . . . Dresd. 1743. 8°. (Bibl. Kew.)
- *WEINMANN (J. W.). *Phytanthozaiconographia*. . . . Ratisb. 1737-45. 4 vols. fol.
- *GESNER (C.). *Opera botanica*. Norimbergae, 1751-71. fol.
 Issued by C. C. Schmiedel, from the original wood-blocks prepared by Gesner for his "*Historia plantarum*;" the death of Gesner prevented the completion of the task. The woodcuts, after being used by many authors, were finally utilized as above; see Pulteney, *Sketches*, vol. i. 160-162.
- NEWTON (J.). *A Compleat Herbal*, . . . Lond. 1752. 8°. Ed. 2. 1798, with portrait of author.
 Small figures on copper, many on each page.
- †*A New Medicinal, Economical, and Domestic Herbal*. Lond. 1809? 8°. This was advertised as "the letterpress descriptive of Newton's Herbal" in 1809; but I have not succeeded in finding the book itself.
- ALSTON (C.). *Tirocinium botanicum Edinburgense*. Edinb. 1753. 12°. Transl. *A dissertation on Botany*. . . . Lond. 1754. 8°.
- *†PETIVER (J.). *Opera*. . . . Lond. 1767. 2 vols. fol.
 This edition of the reprint has the name of James Empson, British Museum, as editor on the title-page, and on verso of title a request by the publisher, Millan, of any information as to Petiver's life.
- PHELSUM (M.). *Explicatio partis IV. Phytographiae L. Pluc'neti*. Harlingae, 1769. 4°.
- *†WEINMANNUS redivivus, emendatus et illustratus, . . . Recueil. . . . Augsbouurg, 1787. 4 vols. fol.
- RUDBECK (O.). *Reliquiae Rudbeckianae*, . . . Lond. 1789. fol.
 Impressions from certain wood-blocks which came into the hands of Sir J. E. Smith, the editor, with the collections and library of Linnaeus.
- †FUCHS (L.). *Histoire générale des plantes et herbes, avec leurs propriétés hygiéniques et médicinales*. Lons-le-Saunier. 1862. 32°. Professes to be brought up to the modern level.
- †ALBERTUS MAGNUS. *Ausfuehrliches Kraeuterbuch*. . . . Reutlingen, 1871. 16°.
-
- SAUR (J.). *Botanologia astrologia*. . . . Erffurdt, 1631. 4°.
- LOVELL (R.). *Pambotanologia*. . . . Oxford, 1659. 8°. Ed. 2. 1665. Chiefly astrological.

§ 13. INTRODUCTORY WORKS.

Chiefly Structural.

GREW (N.). The anatomy of vegetables begun. Lond. 1672. 8°.
Translated into Latin, French and Italian.

——— The comparative anatomy of trunks. Lond. 1675. 8°.

*MALPIGHI (M.). Anatome plantarum. . . . Lond. 1675-9.
2 vols. fol.

*GREW (W.). The anatomy of plants. Lond. 1682. fol.
Three of the author's smaller and earlier works are here reprinted.

PETIVER (J.). Rudiments of Botany. Lond. [1712?]. fol.

VAILLANT (S.). Sermo de structura florum, . . . Lugd. Bat. 1718.
Repr. 1727 and 1728.

Printed in French and Latin, the pages facing; this book is
believed to have suggested the sexual system to Linnaeus.

[EHRHARD (B.).] Botanologiae Juvenilis Mantissa, . . . Ulmae,
1732. 8°.

†JAEGER (C. A. A.). Theses *phytologikai* continentes Fundamenta
rei Herbariae. . . . Wirceburgi, [1742]. 4°. (Bibl. Banks.)

PARSONS (J.). Microscopical Theatre of Seeds. . . . Lond. 1745.
Vol. i. 4°. (All published.)

†MILLER (J.). Proposals for . . . 100 prints . . . Insects and
plants. [Lond.] No. i. 10 June, 1759. fol. (Bibl. Kew.)
? All issued.

†[PLUCHE (N. A.).] Spectacle de la Nature; or, Nature Display'd. . .
Ed. 8. Lond. 1754-63. 7 vols. 8°.

Transl. from the French, by Humphreys; the little that relates to
Botany will be found in vols. i. and ii.

†BROOKES (R.). Natural History of Vegetables. Lond. 1763. 12°.
Ed. 2. 1772.

Forms vol. vi. of the author's System of Natural History.

MILNE (C.). Institutes of Botany. . . . Lond. 1771-2. 4°.
Unfinished.

STILLINGFLEET (B.). Miscellaneous Tracts. . . . Lond. 1759. 8°.
Ed. 3. 1775.

ROSE (H.). Elements of Botany. Lond. 1775. 8°.

MEERBURGH (N.). Afbeeldingen van zeldzaame gewassen. Leyden,
1775. fol.

IMBERT [F.]. Leçons de Botanique. "en Hollande." [Avignon] 1762. 12°.

A satire directed against Imbert. The authors were Cusson, Gouan, Crassous, and René.

†HILL (J.). Beschreibung der aeusserlichen Theile der Pflanzen oder . . . Einleit. in die Botanik. Leipzig, 1781. 8°.

†A short attempt to recommend the study of botanical analogy . . . Lond. 1784. 8°.

*BUTE (JOHN STUART, Earl of). Botanical Tables. [Lond. 1785.] 9 vols. 4°.

Twelve copies printed for use of the author's friends. See Dryander, Bibl. Banks. iii. 139; Pritzel, Thes. Ed. 2. 1404; and Gardeners' Chronicle, Dec. 20, 1879, pp. 796-7.

MARTYN (T.). Elements of Botany by J. J. Rousseau. . . . Notes and additions. Lond. 1785. Ed. 2. 1787.

ALYON (P. P.). Cours de Botanique. . . . Paris, 1787-88. fol.

BATSCH (A. J. G. K.). Anleitung zur Kenntniss und Geschichte der Pflanzen. Halle, 1787-8. 2 vols. 8°.

DONOVAN (E. O.). Minute parts of plants. Lond. 1789-90. 4°.

†BERKENHOUT (J.). Letters . . . to his son. Cambr. 1790. 8°.
Chiefly botanical.

WEISS (F. W.). Vorbereitung . . . in den Grundkenntnissen der Botanik. Goett. 1781. 8°.

*EHRHART (F.). Beitræge zur Naturkunde. . . . Hannover, 1787-92. 7 vols. 8°.

SAUNDERS (S.). Short and easy Introduction. . . . Lond. 1792. 8°.

†Historisch-physiologische Naturgeschichte der Pflanzen. Gotha, 1792. 8°.

*†[LA TOURRETTE (C. de), & F. ROZIER.] Démonstrations élémentaires de Botanique. Lyon, 1766. 2 vols. 8°. Ed. 3, enlarged by J. E. Gilibert. 1787. 3 vols. Ed. 4, 1796, with Atlas of Plates, from Richer (or Richier) de Belleval, Leers, and others. 4 vols. 8°. 2 vols. Plates, 4°.

ANDERSON (J.). Letters on . . . Natural History. Madras, 1793-96. 8°.

†BROCCHI (G.). Trattato delle piante odorifere. Bassano, 1796. 8°.

AMBODIK (N. M.). Botanicae elementaris fundamenta. Petrop. 1796. 8°.

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- SCHUHR (C.). Enchiridion botanicum. Lips. 1805. 8°.
- †BERTUCH (F. J.). Tafeln der allgemeinen Naturgeschichte nach
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- †BATSCH (A. J. G. C.). Einleitung zum Studium der allgemeinen
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- †WOOD (W.). Zoography; . . . Lond. 1807. 3 vols. 8°.
 Vol. iii. pp. 1-331, treats of the Vegetable Kingdom.
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 1808. 8°.

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Translated by Dr. Lindley, *Structure of Fruits and Seeds*. Lond. 1819. 8°.

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*‡LEE (J.). *Introduction to Botany*. Lond. 1760. 8°.

Ed. 2. 1765. Ed. 3. 1776. Ed. 4. 1788. Ed. 5. 1794.

Ed. 6. Edinb. 1796. Ed. "4." Lond. 1796. New ed. [? 8]

by C. Stewart, Edinb. 1806. Ed. "4" [=9] Lond. 1810, by

"J. Lee" the younger.

This was the first introduction to the Linnean system of Botany, published in English, and enjoyed great popularity, as shown by the large number of editions; I have quoted all known to me, as nothing short of doing so could possibly demonstrate the entanglement of statements on the various title-pages. Dr. Thornton edited the 1810 edition, using the name of the son of the author, and in his name writing a dedication, etc., to the great disgust of the owner of the name.

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‡TAYLOR (J. P.). *Arbores mirabiles: or a description of the most*

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SPRENGEL (K.). Grundzuege der . . . Pflanzenkunde. Leipzig,
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STROUD (T. B.). Elements of Botany. . . . Greenwich, 1821. 8°.

†TREVIRANUS (G. R.). Biologie. . . . Goett. 1802-22. 6 vols. 8°.

†Botanical Rambles. Lond. 1822. 12°.

†The Wonders of the Vegetable kingdom displayed; in a series of
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†BUTT (J. M.). The Botanical Primer, being an introduction to
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LOCKE (J.). Outlines of Botany. Boston, 1825. 8°.

†THORNTON (R. J.). Easy introduction. . . . Lond. 1823. 12°.
Ed. 2. 1826.

†Catechismus der Botanik als Anleitung zum Selbststudium dieser
Wissenschaft. Leipzig, 1820-6. 3 vols. 8°.

GOETHE (J. W.). Zur Naturwissenschaft. Stuttg. & Tueb. 1817-24.
2 vols. 8°.

Also a French version. Paris, 1837, Atlas in fol.

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*SMITH (J. E.). Grammar of Botany. . . . Lond. 1821. 8°.
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CASTLE (T.). Systematical and Physiological Botany. Lond.
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- STEGGALL (J.). *Pupil's Introduction to Botany*. Lond. 1829. 8°.
- †*Instruction in Botany for the young*. *S. Peterb.* 1829. 12°.
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FRANCIS (G. W.). Grammar of Botany. Lond. 1840. 8°.

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- †DURAND (P. B.). *Exposition du règne végétal*. . . . Caen, 1841. fol.
 †GRAEFE (H.). *Naturgeschichte der drei Reiche*. Eisleben, 1838.
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- †HORANINOW (P.). *Botanical Principles*. *S. Peterb.* 1841. 8°.
 †JACQUEMART (A.). *Flore des dames*. . . . Paris, 1840. 12°. Ed.
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- †Plants; the Seed, Leaf, Flower, Fruit. . . . Lond. [1841]. 16°.
 OTTO (C.). *Der Schluessel zur Botanik*. . . . Rudolstadt, 1831. 12°.
 Ed. 2. 1842.
- *LINK (H. F.). *Icones anatomico-botanicae*. . . . Berol. 1837–42. fol.
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- LOUDON (J. W.), *née* WEBB. *Botany for ladies*, Lond.
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- †Plants. Lond. [1842]. 16°.
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- †Botanist's Manual. Sheffield, 1836. 8°. Ed. [2.] Lond. 1843.
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 ique. . . . Paris, 1843–4. 2 vols. 8°.
- †[ALLMAN (W.).] *Familiae plantarum*. [Dublin, 1844.] fol.
 †——— *Mathematical connection between the parts of Vegetables*.
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- †—— (J. L. & J. C.). Illustrated Botany. New York, 1847. 8°.
- †LENEVEUX (L.). La petite botanique des pensions. Paris, 1845. 18°.
- †ROSENBERG (Miss). Museum of Flowers. Lond. 1845. 8°.
- *†HARTIG (T.). Lehrbuch der Pflanzenkunde in ihrer Anwendung auf Forstwirthschaft. Berlin, 1840-6. 4°.
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- †OSGOOD (F. S.). Floral Offering. . . . Philad. 1847. 4°.
- †PRATT (A.). Field, Garden, and Woodland. Ed. 3. Lond. 1847. 12°.
- †[——— ?] Flowers of the Year. . . . Lond. [1847]. 18°.
- †The young Botanists. Lond. [1847]. 16°.
- *LINDLEY (J.). Introduction to Botany. Lond. 1832. 8°. Ed. 4. 1848.
- †GRAHAM (T.). Outlines of Botany. Lond. 1841. 12°. Ed. 2. 1848.
- †Wild Flowers and their Teachings. Bath, 1845. 16°. Ed. 2. 1848.
- †[ARNOTT (G. A. W.).] Analytical Botanical Tables. [Glasgow, 1848 ?] 8°.
- †NEWMAN (J. B.). Flora, or Outlines of Botany. New York, 1848. 8°.
- *†LINDLEY (J.). Outline of first principles of Botany. Lond. 1830. 12°. Ed. 4. (Title altered to "Elements of Botany"). 1841. 8°. Ed. 6. 1849.
- Editions also in French, German, Italian, Portuguese, and Russian; the English edition with date of "1861" I have not seen.
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- †Vegetable Kingdom. Lond. 1849. 16°.
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- *GRAY (A.). Botanical Text Book. . . . New York, 1842. 8°.
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- †HOBLYN (R. D.). Botany . . . Lond. 1851. 8°.
- †JERRARD (P.). Floral Offering; Months of the Year. Lond. 1851. 8°.
- †SERINGE (N. C.). Introduction élémentaire à la Botanique. Lyon, 1851. 8°.
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- †SPRING (A.). Botanique. Bruxelles, [1851]. 12°.
- †BINGLEY (W.). Useful Knowledge. Vol. ii. Vegetables. Lond. 1816. 8°. Ed. 7, by D. Cooper [and W. S. Dallas]. 1852.
- Vol. i. pp. 283-408 and vol. ii.
- Pritzel, Ed. 1. 880, mentions an edition *Philad.* 1808, which I have not seen; the date is a misprint for 1818.
- PRATT (A.). Wild Flowers. Lond. 1852. 2 vols. 8°.

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- †MAGNAT (C.). Traité de Botanique élémentaire et chrétienne. Paris, 1852. 12°.
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- †HENFREY (A.), & T. H. HUXLEY. Scientific Memoirs. . . . Lond. 1853. 8°.
Translations from various foreign journals, etc.
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- †Garden Beauties. Lond. 1853. 8°.
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- *†LINDLEY (J.). School Botany. Lond. 1839. 8°. Ed. [2 ?] 1845.
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- †Natural orders of Plants. Lond. 1854. 4°. (A card.)
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- CLAVEL DE SAINT-GENIEZ. Traité . . . de botanique. Paris, 1855. 3 vols. 8°.
- †SMITH (E.). Structural and systematic Botany : . . . Lond. 1855. 8°.
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- *†TWINING (E.). Illustrations of the natural orders of plants. Lond. 1849-55. 2 vols. fol.
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- WOOD (A.). Class-book of Botany, . . . Boston, 1855. 8°.
- †Floral Souvenir. Lond. 1855. 8°.
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- †THOMSON (S.). Wanderings among the Wild Flowers. Lond. 1854. 8°.
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- *†HENFREY (A.). Rudiments of Botany. Lond. 1849. 16°. Ed. 2.
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- †FRANCIOSI (C. de). Lettres . . . sur la Botanique. Lille, 1858. 8°.
- †HENSLOW (J. S.). Illustrations . . . in practical lessons on Botany.
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- †NOYCE (E.). Outlines of Creation. Lond. 1858. 8°.
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- †NYMAN (C. F.). Praktisk handbok i botanik eller vaextlaerens
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What the author, "late Captain in the Bombay army," intended
by this incoherent nonsense, is hard to discover.
- †Elements of Botany. Lond. 1833. 18°. Ed. 4. 1859.
- DRESSER (C.). Structural and Physiological Botany. Lond.
1859. 8°.
- †ROSS (D.). Stray leaves of a Naturalist. Lond. 1859. 8°.
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- †SOUSA TELLES (J. J. de). Compendio de introdução á historia
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Extracted from his Handbuch der botanischen Terminologie.
- COULTAS (H.). What may be learned from a tree. Ed. 2. Philad.
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- †BALFOUR (J. H.). Botanist's Companion. Edinb. 1860. 8°.
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- †MUELLER (T.). Das grosse illustrierte Kraeuter-Buch. . . . Ulm,
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- †PIRIE (M.). Flowers, Grasses, and Shrubs. Lond. 1860. 8°.

†MANN (R. J.). Guide to knowledge of . . . Vegetable . . . Kingdom. Lond. [1856]. 18°. [Ed. 2. ? 1861.]
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- *PRESL (C. B.). Reliquiae Haenkeanae . . . Pragae, 1830-6. 2
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‡HEURCK (H. van). *Observationes botanicae et descr. pl. nov. herb.*
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*SAUNDERS (W. W.). *Refugium botanicum* . . . Lond. 1869-72. 8°.
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Vol. iii. Descriptions by J. G. Baker.

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†KERNER (A.). *Novae plantarum species*. Innsbruck, 1870-1. 8°.

†CESATI (V.). *Note botaniche di vario argomento* . . . Napoli, 1872. 4°.

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†SCHOMBURGK (R.). *Botanical Papers*. Adelaide, 1873. 8°.

*†CANDOLLE (A. P. de, & A. de). *Prodromus systematis naturalis regni vegetabilis*. Paris, 1824-73. 17 vols. 8°.

For list of the contributing Botanists, see Pritzel, Ed. 2. 1485; the English botanists were G. Bentham (*Labiatae*, *Polemoniaceae*, *Scrophulariaceae*, and *Stackhousiaceae*), and H. A. Weddell (*Urticaceae*). An enumeration of the contents of vol. xvii. is here given, supplementing Pritzel's list of vols. i.-xvi.

NAT. ORDER.	AUTHOR.	PAGES.
Artocarpaceae.	E. Bureau.	280-288.
Balanophoraceae.	A. W. Eichler.	117-150, Add. 301, Err. 321.
Batidaceae.	A. de Candolle.	34-35.
Cynocrambeae.	"	32-33.
Cytinaceae.	J. D. Hooker.	106-116.
Lennoceae.	Solms-Laubach.	37-38.
Moraceae.	E. Bureau.	211-279.
Nepenthaceae.	J. D. Hooker.	90-105.
Phytocreneae.	H. Baillon.	7-26.
Podostomaceae.	H. A. Weddell.	39-89, Add. 301-2.
Salvadoraceae.	A. de Candolle.	27-31.
Sarraceniaceae.	"	1-6.
Ulmaceae.	J. E. Planchon.	151-210.

Dicotyledonearum genera . . . variis causis omissa. 289-299.

Prodromi . . . conclusio. 303-314.

Monita in usu Prodromi advertenda. 315-6.

Errata graviora nondum memorata. 317-321.

Index . . . totius operis, 323-493 (orders, genera, and sections only).

For Index to Species, etc. to vols. i.-xvii. see Buek, p. 13.

LE MAOUT (E.), & J. DECAISNE. *Descriptive and analytical Botany*. Translated by Mrs. Hooker (from the "*Traité général de botanique*"). Lond. 1873. 8°.

†WOOSTER (D.). *Alpine Plants*. Lond. 1872-4. 2 vols. 8°.

*MIERS (J.). *Contributions to Botany* . . . Lond. 1851-71. 3 vols. 4°.

†TRAUTVETTER (E. R. von). *Aliquot species novas pl.* Petrop. 1875. 8°.

- †GANDOGHER (M.). *Decades pl. novarum* . . . Perpignan, 1875. 8°.
- †——— *Plantarum nov. dec. 2.* Paris, 1875-6. 8°.
- †PHILIPPI (R. A.). *Descripcion de las nuevas plantas* . . . Santiago de Chile, 1876. 8°.
- *†STRASBURGER (E.). *Die Angiospermen und die Gymnospermen.* Jena, 1876. 8°.
- †RODRIGUES (J. B.). *Enum. pl. novarum.* Rio, 1879. 8°.
- *†HOOKER (W. J.). *Icones plantarum* . . . Lond. 183[6]-41. 4 vols. 8°. New Series, vols. v.—x. 1842-54. Third Series by J. D. Hooker, vol. xi. 1867.—→
- *BENTHAM (G.), & J. D. HOOKER. *Genera Plantarum.* Lond. 1862. 8°.—→ (See *Introduction* for note of this.)
- *†BAILLON (H.). *Histoire des plantes.* Paris, 186[6]. 8°.—→

The various monographs in each volume are separately issued thus :
Vol. i. (1866-9). Renonculacées, Dilléniacées, Magnoliacées, Anonacées, Monimiacées, Rosacées.

Vol. ii. (1870). Connaracées et Leg. Mimosées. Leg. Caesalpinées. Leg. Papilionacées. Proteacées. Lauracées, Elaeagnacées et Myristicacées.

Vol. iii. (1872). Menispermacées et Berberidacées. Nymphaeacées. Papaveracées et Capparidacées. Crucifères. Rosedacées. Crassulacées et Saxifragacées. Piperacées et Urticacées.

Vol. iv. (1873). Nyctaginées et Phytolaccacées. Malvacées. Tiliacées, Dipterocarpacees, Chlaenacées et Ternstroemiacees. Bixacées, Cistacées et Violacées. Ochnacées et Rutacées.

Vol. v. (1874). Géraniacées, Linacées, Tremandracées, Polygalacées et Vochysiacees. Euphorbiacées. Terebinthacées et Sapindacées. Malpighiacées et Meliacées.

Vol. vi. (1877). Célastracées et Rhamnacees. Penaeacees, Thymelaeacees et Ulmacees. Castaneacees, Combretacees et Rhizophoracees. Myrtacees, Hypericacees, Clusiacees, Lythriacees, Onagrariacees et Balanophoracees.

Vol. vii. (1878-80). Melastomacées, Cornacées et Ombellifères. Rubiacées, Valerianacées, Dipsacacées.

- †——— *History of Plants.* Lond. 1871. 8°.—→
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- †BECCARI (O.). *Malesia.* Genoa, 1877. 4°.—→
- *†CANDOLLE (A. de, & C. de). *Monographiae phanerogamarum.* Paris, 1878. 8°.—→

Intended as a Continuation and Revision of certain portions of the *Prodromus*. Frequently styled "Suites au Prodrome."

Vol. i. Smilacae, by A. de Candolle, 1-217.

Restiaceae, by M. T. Masters, 218-398.

Meliaceae, by C. de Candolle, 399-752.

Vol. ii. Araceae, by A. Engler.

†BAILLON (H.). Errorum Decaisneanorum graviorum vel minus cognitorum. [Paris, 1879.] 8°. ?—>

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†DEVOS (A.). Enum. méthodique des plantes nouvelles . . . 1874. Gand, 1875. 8°.

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§ 45. LAWS OF NOMENCLATURE.

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*CANDOLLE (A. de). Lois de la nomenclature botanique. Paris, 1867. 8°. Ed. 2. Genève, 1867.

—— Laws of Botanical Nomenclature. Lond. 1868. 8°.

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†AEHRLING (E.). Studier i d. Linneanska nomenclatur och synonymik. Oerebro, 1872. 8°.

†CANDOLLE (A. de), & A. COGNIAUX. Quelques points de nomenclature botanique. Gand, 1877. 8°.

†SAINT-LAGER. Réforme de la nomenclature botanique. Lyon, 1880. 8°.

§ 46. MONOGRAPHS. (PHANEROGAMS.)

Including works descriptive of only one or more species.

(See also a systematic arrangement in PRITZEL, THES. Ed. 2. pp. 416–446.)

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*STEUDEL (E. G.). Synopsis plantarum glumacearum. Stutt. 1855. 8°.

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†BUNGE (A.). Die Gattung Acantholimon, Boiss. St. Petersb. 1872. 4°.

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†ASCHERSON (P.). *Achillea-Bastarde*. [etc.] Berlin, 1873. fol.

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*REICHENBACH (H. G. L.). *Monographia generis Aconiti* . . . Lips. 1820. 2 vols. fol.

*——— *Illustratio specierum Aconiti generis* . . . Lips. 1823–7. fol.

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†KOTSCHY (T.). *Aedemone mirabilis*. Wien, 1858. 8°.

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†HENFREY (A.). *On the Transformation of Aegilops into Wheat*. Lond. 1858. 8°.

†GODRON (D. A.). *Histoire des Aegilops hybrides*. Nancy, 1870. 8°.

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†PAYNO (M.). *Memorie sobre al maguey mexicano* . . . Mexico, 1864. 4°.

†ENGELMANN (G.). *Notes on Agave*. St. Louis, 1875. 8°.

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†BARTOSÁGH (J. von). *Beob. und Erfahrungen ueber den Goetterbaum*. Ofen, 1841. 8°.

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†REGEL (E.). *Alliorum* . . . monographia. Petrop. 1875. 8°.

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*HERBERT (W.). Amaryllidaceae. Lond. 1837. 8°.

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‡RIVIÈRE (A.). L'Amorphophallus Rivieri, DC. [Hamma,]
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‡ARNOUX (F.). De l'Anagyris fétide . . . Montp. 1870. 8°.

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Artemisia.

†BESSER (W. S.). *Monographiae Artemisiarum. Sect. i. Dracunculi frutescentes.* [St. Petersburg, 1842.] 4°.

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†——— *De Seriphidiis, seu de Sect. iii^{ma} Artemisiarum,* Linn. [Moscow, 1834.] 8°.

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†——— *Supp. ad Syn. Absynthiorum, Tentamen de Abrotanis, Dissert. de Seriphidiis, atque de Dracunculis.* Moscou, 1836. 8°.

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†FENZL (E.). *Artocalyx.* Wien, 1849. fol.

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†——— *Bemerkungen ueber die Gattungen Betula und Alnus . . .* Moskau, 1866. 8°.

†MOLÉR (W.). *Om vedens byggnad hos Betula nana.* Upsala, 1877. 8°.

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†BUREAU (E.). Bignoniacées. Paris, 1864. 4°.

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†BIDERMANN (J.). Recherches sur le genre *Brayera* . . . Paris, 1874. 8°.

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— †WADE (W.). De *Buddlea globosa*, et *Holco odorato* . . . Dublin, 1804. 4°.

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†MARCHAND (L.). Recherches sur l'organisations des Burséracées. Paris, 1868. 8°.

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*BRADLEY (R.). Succulent Plants. Lond. 1716–27. 4°.

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Contains also a Revision of *Narcissus*.

*CANDOLLE (A. P. de). Plant. hist. succulentarum. Histoire des plantes grasses. Paris, 1799–1829. fol.

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†FOERSTER (C. F.). Handbuch der Cacteenkunde . . . Leipzig, 1846. 16°.

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†PFEIFFER (L.), & F. ORTO. *Figures des Cactées* . . . Cassel, 1843-50. 2 vols. 4°.

†LEMAIRE (C.). *Les Cactées*, . . . Paris, 1869. 18°.

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Also dated 1874, title only differs.
- †Las plantas industriales . . . Madrid, 1874. 8°.
- †PIRÉ (L.). Tableau des familles végétales . . . Brux. 1875. 8°.
- †The Vegetable Kingdom, or the Produce of the World. Lond.
1875. 4°.
- †HARIOT. Les [64] plantes utiles aux gens du monde. Troyes, 1876. 8°.
- †PIRÉ (L.). Tableaux des familles végétales . . . Brux. 1876. 8°.
- †CAZZUOLA (F.). Dizionario di botanica applicata . . . Pisa, 1877. 16°.
- †STAHL's grosses illustriertes Kraeuterbuch. Neu-Ulm, 1877. 8°.
- †ARIOLI (V. E.). Prontuario delle piante medicinali ed industriali
. . . Milano, 1878. 32°.
- †GORINI (G.). Piante industriali . . . Milano, 1878. 8°.
- †MAISON (J.). Botanique usuelle. Troyes, 1878. fol.
- †YSABEAU (A.). Connaissance et description botanique des plantes
usuelles . . . Ed. 4. Paris, 1879. 8°.
- †HALLIER (E.). Die Pflanze und der Mensch in ihrer Wechselbezie-
hung . . . Breslau, 1879. 16°.
Contained in Deutsche Volksschriften, vol. iv.
- *†MUELLER (F. von). Select Extra-Tropical Plants, readily eligible
for Industrial Cultivation . . . Calcutta, 1880. 8°.
The original edition, with similar works intended for Victoria,
Australia, are given under the local heading.
- †BROOK (R.). New Cyclopaedia of Botany and Complete Book of
Herbs: forming a history and description of all Plants, British
or Foreign, which are known to be useful to man. Lond.
[1868?]. 2 vols. 8°.
Part reissued under the title of New Family Herbal, [Ed. 2?] 1871.
Another ed. as Brook's Popular Botany [1880].—>

- *†MARTYN (T.). *Flora rustica* . . . Lond. 1792-4. 4 vols. 8°.
 †*Flora oeconomica, oder naturgetreue Abbildungen aller landwirthschaftlichen Pflanzen.* Pirna, 1805. fol.
 DARLINGTON (W.). *Agricultural Botany.* Philad. 1847. 8°.
 †SCHMIDLIN (E.). *Abbildung und Beschreibung der wichtigsten Futter- und Wiesenkraeuter* . . . Stuttg. 1849. 4°.
 †VOLZ (K. W.). *Einfluss des Menschen auf die Verbreitung* . . . Kulturpflanzen. Leipzig, 1852. 8°.
 †UNGER (F.). *Bot. Streifzuege [i.-ix.] auf dem Gebiete der Culturgeschichte.* Wien, 1857-67. 8°.
 †MUELLER (J. L. F.). *Die bekanntesten Acker- und Wiesenkraeuter deren Schaedlichkeit und Vertilgungsmittel.* Stuttg. 1867. 8°.
 †TERRENI (—.). *I coltivabili* . . . specie di piante . . . Firenze, 1873. 32°.
 †ROTH (C. W.). *Handbuch zur der landw. Pflanzensammlung.* Ed. 2. Goettingen, 1874. 8°.
 †FOURCADE (C.). *Herbier agricole* . . . Luchon, 1874. 4°.
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- †JOHNSON (C. P.). *Useful plants of Great Britain.* Lond. 1862. 8°.
 †LAGERGREN (J.). *Svenska matvaexters insamling och foervaring.* Stockh. 1880. 12°.
 †SCHOMBURGK (R.). *Papers [chiefly economic Botany].* Adelaide, 1873. 8°.
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- DAVY (H.). *Agricultural Chemistry.* Lond. 1813. 4°. Ed. [6.] Glasgow, 1844. 8°.
 THONIN (A.). *Cours de culture* . . . des végétaux. Paris, 3 vols. 8°. Atlas, 4°.
 †PETIT-LAFITTE (A.). *Principes élémentaires de botanique appliqués à l'agriculture, etc.* Bordeaux, 1873. 18°.

§ 59. FOOD PLANTS.

- BUC'HOZ (J. P.). *Manuel alimentaire des plantes.* Paris, 1771. 8°.
 †PARMENTIER [A. A.]. *Observations on such nutritive vegetables as may be substituted in the place of ordinary food, in times of scarcity.* Lond. 1783. 8°.
 Extracted [and transl.] from the French.
 BRYANT (C.). *Flora diaetetica.* Lond. 1783. 8°.
 †An enumeration of the principal vegetables . . . Birm. 1796. 8°.

PHILLIPS (H.). History of cultivated vegetables, etc. Ed. 2. Lond.
1822. 2 vols. 8°.

†Vegetable Substances; Fruits. Lond. 1829. 8°.

No. 5, Library of Entertaining Knowledge.

†AULAGNIER (A. F.). Dictionnaire des substances alimentaires . . .
Paris, 1830. 2 vols. 8°.

LANKESTER (E.). Natural history of Plants yielding food. Lond.
1845. 12°.

†Vegetable Substances used for the Food of Man. Lond. 1832.
8°. Ed. [2.] 1846.

Library of Entertaining Knowledge, Nos. 29 and 30. No Index.

†YSABEAU (A.). Plantes alimentaires et plantes fourragères. Paris,
1861. 18°.

†BERNARD (B.). Our common Fruits. Lond. 1866. 8°.

†Useful plants . . . Food of Man. Lond. 1870. 8°.

†HEUZÉ (G.). Les plantes alimentaires. Paris, 1873. 8°.

Grain.

†BOROWSKY (G. H.). Die besten . . . Getreidearten . . . in 100
verschieden Arten . . . Berlin, 1789. 8°.

†DIETERICH (F. G.). Oekonomisch-botanische Bemerkungen, ueber
verschiedene neue Getreidearten, und schaedliche Pflanzen . . .
Weimar, 1795. 8°.

†BABEL (A.). De graminum fabrica et oeconomica. Halae, 1804. 4°.

*KRAUSE (J. W.). Abbildungen und Beschreibung . . . Getreidearten,
Leipzig, 1835-7. fol.

†KOENIG (E. F. C.). Abbildung und Beschreibung der nuetzlichsten
Getreidearten . . . Esslingen, 1847. 4°. Ed. 2. 184[7-]8.

†BURIAN (J. J.). Das Getreide. Wien, 1870. 8°.

†Die Getreidearten. Ravensburg, 1871. fol.

Two sheets, with descriptive text.

†BREIHOLZ (H.). Oelgehalt . . . wichtiger Grasfruechte . . . Jena,
1878. 8°.

†GÉRARD (—.). Notice sur le froment. . . sous le rapport botan-
ique . . . Paris, 1845. 8°.

†KLIPPART (J. H.). The Wheat Plant. Cincinnati, 1859. 8°.

†BIDARD (M.). Histoire botanique et agricole du blé . . . Rouen,
1865. 8°.

†PALEY (F. A.). A Few words on Wheat Ears. Ed. [2 ?] Camb.
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†CORDIER (F. S.). Les champignons . . . Paris, 1869. 8°. Ed. 4. 1875.

†BIGNONE (F.). I funghi considerati sotto il rapporto dell' economia . . . Genova, 1880. 4°.

†VOGL (A. E.). Nahrungs- und Genussmittel aus dem Pflanzenreiche. Wien, 1872. 8°.

†—— Les aliments; guide pratique pour constater les falsifications des farines, féculs, cafés, chocolats, thés, épices, aromates, etc. Paris, 1876. 8°.

Transl. by A. Focillon.

Forage Plants.

†CURTIS (W.). General observations on the . . . introduction of the seeds of our best Grasses. Lambeth, 1787. fol.

VOGELI (F.). Flore fourragère. Paris, 1836. 8°.

LECOQ (H.). Plantes fourragères. Paris, 1844. 8°.

MURPHY (E.). Agricultural grasses. Dublin, 1846. 12°.

†LAWSON (P.) & Son. Treatise on the Cultivated Grasses . . . Edinb. 1850. 4°.

Only 100 copies printed of this Edition.

†ZACCONE (V. J.). Plantes fourragères . . . Atlas. Thionville, 1862. fol.

†PERRON (R.). Plantes fourragères les plus connues . . . Paris, 1865. 32°.

†SCHMIDLIN (E.). Abbildung und Beschreibung . . . Futtergräser. Esslingen, 1850. 8°. Ed. 2. 1868.

†PIERRE (J. I.). Etudes . . . de phys. végétale. Vol. ii. Plantes fourragères . . . Paris, 1869. 18°.

†WITTMACK (L.). Gras- und Kleesamen . . . Berlin, 1870. 8°.

†FLINT (C. L.). Grasses and Forage Plants. New York, 1857. 8°. Ed. 5. Boston, 1860. Ed. [6 ?] Boston, 1874. 12°.

With illustrations of the various species.

†CHRISTY (T.). Forage plants . . . Lond. 1877. 8°.—>

†GUIPOUILLEAU (A.). Le mélilot . . . plantes fourragères . . . Tours, 1864. 4°.

†CAPPI (G.). Non più mancanza de foraggio, ossia la Penicellaria spicata. Piacenza, 1864. 8°.

†GILLET-DAMITTE. Le Galéga, nouveau fourrage . . . Paris, 1867. 18°.

†REYNARD (—.). Le Galéga, nouveau fourrage. Lyon, 1870. 16°.

†OTTAVI (G. A.). Monografia dei prati artificiale coltivati ad erba medica . . . Ed. 3. Casale, 1879. 16°.

- †BRIOSI (G.). Tabacchi esteri e di piante forragere . . . Roma, 1879. 4°.

Food-plants of Insects.

- †BREZ (J.). La flore des insectophiles . . . Utrecht, 1791. 8°.
- *†CURTIS (J.). British Entomology . . . Lond. 1824-39. 16 vols. 8°.
Exquisite drawings of fragments of plants.
- †WILDE (O.). Lepidopterolog.-Botanik. Berlin, 1860-1. 2 vols. 8°.
- †KALTENBACH (J. H.). Die Pflanzenfeinde aus der Klasse der Insekten. Stutt. 1874. 4°.
The plants are arranged in natural orders, and mostly figured.
- †WILSON (O. S.). Larvae . . . Brit. Lepidoptera and their food Plants. Lond. 1877. 8°.→
Drawings by E. Wilson.
- †WOOD (J. G.), & T. WOOD. Field Naturalist's Handbook. Lond. 1880. 8°.
Lists of plants which flower, and insects which appear in each month.

§ 60. LUXURIES.

- †COOKE (M. C.). Seven Sisters of Sleep . . . Lond. [1860]. 8°.
- †PRESCOTT (H.). Structure, growth, etc. . . . of Hops, . . . and Tobacco. Lond. 1869. 8°.
- †GROENLUND (C.). Om Giftplanter; Tobakken, Coca, Areka og Betel. Kjoeb. 1877. 8°.
- †NEOSTADIUS (J.). Tobaks planta. Stockholm, 1731. 8°.
- †ERHARDT (U.). Der Tabak . . . Heidelb. 1841. 8°.
- †FAIRHOLT (F. W.). Hist. of Tobacco . . . Lond. 1859. 8°.
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- †LA ROQUE (—.). Nachricht vom Caffee und Caffee-Baum. Leipzig, 1717. 4°.
Also at Hannover, 1771. 8°. as Abhandl. vom Caffee, being a translation from his Traité . . . du Café, which was first printed in Voyage . . . l'Arabie, Amst. 1716. 12°. Also in English, Lond. 1726. 12°.
- †DOUGLAS (J.). Arbor Yemensis, fructum Cofé ferens. Lond. 1727. fol. Suppl. 1727.
- *ELLIS (J.). Historical account of Coffee . . . Lond. 1774. 4°.
In German, Leipzig, 1776.
- †HOFER (F. J.). Abhandl. vom Kaffee . . . Frankf. 1781. 8°.
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- †HYDE (T.). *Epistola de mensuris et ponderibus serum seu sinensium. Ubi etiam de ingenti MURO qui apud eos, eorumque NOVO ANNO, necnon de Herbae CHA collectione superstitiona . . . Oxoniae, E Theatro Sheldoniano An. Domini 1688. 8°. 20 foll. t. 1. Sig. A to E. (Bibl. Sloane.)*

The allusion to the tea-plant will be found on D. iv verso, and E. i. recto.; Pritzel's citation is very faulty.

- LETTSON (J. C.). *Natural History of the Tea tree . . . Lond. 1772. 4°. Ed. 2. 1799.*

Translated into German and French.

- †HOUSSAYE (J. G.). *Der Thee. Quedlingberg, 1844. 8°.*

- †GRIMAUX (E.). *Du hachische ou chanvre indien [Cannabis sativa]. Paris, 1865. 8°.*

- †FUENTES (M. A.). *Mémoire sur le coca de Pérou [Erythroxylon Coca], ses caractères botaniques . . . Paris, 1866. 8°.*

Sugar-yielding Plants.

- OLCOTT (H. S.). *Sorgho and Imphee, the Chinese and African sugar-canes . . . New York, 1857. 8°.*

- †PELLON Y RODRIGUEZ (J.). *Descr. . . plantas sacarinas . . . Madrid, 1858. 8°.*

- †BOURON (L.). *Rapport . . . sur les diverses espèces de Canes à sucre . . . Maurice, 1863. 8°.*

- REID (W.). *History of Sugar and Sugar-yielding Plants. Lond. 1866. 8°.*

- †THIÉBAUT DE BERNEAUD (A.). *Cactus Opuntia. Paris, 1813. 8°.*

- †HOOKER (W. J.). *Report on vegetable products obtained without cultivation. Lond. 1857. 8°.*

Exposition Universelle, Paris, 1855.

- †CARRIÈRE (E. A.). *Origine des plantes domestiques démontrée par culture du radis sauvage. Paris, 1869. 8°.*

- †HERINCQ (F.). *Obs. critiques sur l'origine des plantes domestiques. Paris, 1869. 8°.*

- †LUKMANOFF (A. de). *Nomenclature et iconographie des canneliers et camphriers. Paris, 1878. 4°.*

- ELLIS (J.). *Descr. of the Mangostan and Breadfruit. Lond. 1775. 4°.*

- ROGERS (P. K.). *Properties of the Liriodendron . . . Philad. 1802. 8°.*

BuÉE (W. U.). Cultivating the Clove Tree. Lond. 1797. 4°.

[CHALONER (E.), & G. O'GORMAN.] The Mahogany Tree; its Botanical character . . . Liverpool, [1851]. 8°.

†MURRAY (J.). Palo de Vaca or Cow Tree of the Caracas [Brosimum Galactodendron]. Lond. 1837. 8°. Ed. 2.

BENNETT (G.). Introduction, cultivation, and oeconomic uses of the Orange . . . [Sydney ?] 1871. 8°.

†ABELA Y SAINZ DE ANDINO (E.). El naranjo y demás árboles confamiliares de las Aurantiáceas. Madrid, 1879. 12°.

§ 61. MEDICINAL PLANTS.

†THOMSON (G.). Short method of discovering the virtues of Plants. Lond. 1734. 8°.

†ARCHER (J.). A compendious Herbal. Lond. 1673. 8°.

Forming Part 2 of Every man his own Doctor, with separate register.

MUNTING (A.). De vera antiquorum herba Britannica. Amst. 1681. 4°.

POMET (P.). Histoire générale des drogues . . . Paris, 1694. fol. In English, History of Drugs, Lond. 1712, 4°.

†PEACHIE (J.). Some observations made upon the Root Cassumuniar, called otherwise Rysagone . . . Lond. 1679. 4°.

Ed. 2. 1693. Author's name, and dedication to Sir Jonathan Keate, Bart., omitted.

Similar treatises in the same form, small quarto, and usually extending only to 7 pages, were anonymously issued, bearing dates, Lond. 1680-95, as follows: (b) Root called Nean or Ninseng; (c) Brassilian root called Ipepocoanha; (d) Angola seed; (e) Virginian Nutts; (f) Bengala bean; (g) Casmunar (above cited, Ed. 2.); (h) Malabar Nutt; (i) Maldivar nut; (j) Banellas; (k) Root called Serapias, or Salep; (l) Herb called Perigua; (m) Wood called Nephriticum; (n) Calumba wood, otherwise called Calumback; (o) Bermudas Berries; (p) Barbado Seeds; (q) Russia seed; (r) Mexico seeds; (s) Herb Cassiny; (t) Cylonian Plant.

The last-named is signed *James MULLINS*, which proves that the treatise was either several years old, or that the author's name was assumed, for Dr. Mullins died in 1686, nine years before.

Dale, in his Pharmacologia, Ed. 3. p. 309, and elsewhere, speaks of the anonymous author of these tracts as 'Marloe,' but there does not appear to have been any physician of that name then living, nor can I find any apothecary so named, and hence infer a mistake.

- †PETIVER (J.). Hortus siccus chirurgicus. 1 sheet, fol.
 „ „ pharmaceuticus. 7 sheets. Lond.
 [1700?]. fol.

Advertised also under the name of Labels for Medicinal English
 and Foreign Plants, 1s. 6d.

- MILLER (J.). Botanicum officinale. Lond. 1722. 8°.
 DALE (T.). De Pareira brava . . . Lugd. Bat. 1723. 4°.
 KNOWLES (G.). Materia medica botanica . . . Lond. 1723. 4°.
 MARTYN (J.). Tabulae synopticae plantarum off. ad meth. Rajanam .
 dispositae. Lond. 1726. fol.
 BLAIR (P.). Pharmaco-botanologia. Lond. 1723-8. 4°.
 CHOMEL (P. J. B.). Cat. pl. officinalium secundum earum facul-
 tates. Paris, 1730. 8°.
 *†DALE (S.). Pharmacologia . . . Lond. 1693. 12°. Suppl. 1705.
 Ed. 3. [greatly enlarged and improved], 1737. 4°.
 †HILL (J.). History of the Materia Medica. Lond. 1751. 4°.
 ——— Useful Family Herbal. Lond. 1755. 8°.
 CRANTZ (H. J. N.). Materia medica. Viennae, 1762. 3 vols. 8°.
 Ed. 2. 1765.
 †HILL (J.). Centaury, the great stomachic. Lond. 1765. 8°.
 †CARL (J. A.). Medicinische-botanischer Garten . . . Muenchen,
 1770. 8°.
 †CURTIS (W.). Assistant plates to the Materia Medica. Lond.
 1756. 8°.
 †MEYRICK (W.). New Family Herbal. Birmingham, 1789. 8°.
 Also with date of 1790 ; title only differs.
 [ZORN (J.).] Icones plantarum medicinalium . . . Nuernberg,
 1779-84. 8°. Ed. 2. (enlarged) 1784-91.
 †[JUCH (K. W.).] Handbuch der pharmaceutischen Botanik.
 Nuernberg, 180[0-]4. 2 vols. fol.
 ROQUES (J.). Plantes usuelles . . . Paris, 1807-8. 2 vols. 4°.
 †BALBIS (J. B.). Materies medica. Taurini, 1811. 2 vols. 8°.
 *PLENCK (J. J.). Icones plantarum medicinalium . . . Viennae,
 1788-1812. 8 vols. fol.
 *STOKES (J.). Botanical Materia Medica. Lond. 1812. 4 vols. 8°.
 Some of the plants have original names by the author.
 †VIETH (E.). Abriss de Kraeuterkunde fuer Oekonomen. Wien,
 1812. 8°.
 THORNTON (R. J.). New Family Herbal. Lond. 1810. 8°. Ed. 2.
 1814.

The woodcuts are by T. Bewick.

CHAUMETON (F. P.), F. P. C. CHAMBERET, & J. L. M. POIRET. Flore médicale. Paris, 1814-20. 7 vols. 8°.

Contains Iconographie végétale, by P. J. F. Turpin.

‡MEDICAL BOTANY . . . Lond. 1821-2. 2 vols. 8°.

Very poor figures.

RICHARD (A.). Botanique médicale. Paris, 1823. 2 vols. 8°.

I have seen the date given as 1819 in a catalogue.

‡TENORE (M.). Flora medica universale. Napoli, 1825. 2 vols. 8°.

Has especial reference to the Flora of Naples.

‡THOMSON (T.). Botanique du droguiste . . . Paris, 1827. 12°.

Transl. by E. Palouze.

‡DIE EIGENSCHAFTEN ALLER HEILPFLANZEN . . . Muenchen, 1829. 8°.

‡KRAUSE (J. W.). Theoretische-praktische oekonomische Botanik . . .

Nuernberg, 1831. 8°.

*STEPHENSON (J.), & J. M. CHURCHILL. Medical Botany. Lond. 1831.

4 vols. 4°.

*WOODVILLE (W.). Medical Botany . . . Lond. 1790-93. 3 vols.

4°. Ed. 3. 1832. 5 vols.

BISCHOFF (G. W.). Plantae medicinales. Heidelb. 1829. 4°.

*NEES VON ESENBECK (T. F. L.). Plantae officinales . . . Duesseldorf, 1821-33. fol.

‡KUNZE (G.). Pharmaceutische Waarenkunde. Eisenach, 1827-34. 4°.

GRAVES (G.). Hortus medicus. Edinb. 1834. 4°.

The chemical and medical remarks by J. D. Morries.

ROQUES (J.). Phytographie médicale. Paris, 1821. 2 vols. 4°.

Ed. 2. 1835. 3 vols. 8°. Atlas, 4°.

‡BARNES (J.). Plants used in Medicine. Lond. 1835. fol.

KOSTELETZKY (V. F.). Allgemeine medizinische-pharmaceutische

Flora . . . Prag, 1831-6. 6 vols. 8°.

SPRATT (G.). Medico-botanical Pocket-Book. Lond. 1836. 8°.

CASTLE (T.). Medical Botany . . . Lond. 1829. 12°. Ed. 3.

1837. 8°.

ROQUES (J.). Nouveau traité des plantes usuelles . . . Paris, 1837-8.

4 vols. 8°.

*LINDLEY (J.). Flora medica . . . Lond. 1838. 8°.

REID (H.). Outlines of medical Botany. Edinb. 1832. 8°.

Ed. 2. 1839.

WINKLER (E.). Real-Lexicon der medizinische-pharm. Naturgeschichte . . . Leipzig, 1840-2. 8°.

‡FAVROT (C.). Traité élémentaire d'histoire naturelle pharmaceutique . . . Paris, 1843. 2 vols. 8°.

- *HAYNE (F. G.). *Arzneikunde gebräuchlichen Gewächse*. Berlin, 1805-46. 14 vols. 4°.

The figures are good and characteristic.

- †MEYRAT (F. V.), & A. J. DE LENS. *Dictionnaire universelle de matière médicale*. Paris, 1829-46. 7 vols. 8°.

- †SIMMONITE (W. J.). *Medical Botany*. Lond. 1848. 12°.

- *LINDLEY (J.). *Medical and Economical Botany*. Lond. 1849. 8°.

- CASSONE (F.). *Flora medica-farmaceutica* . . . Torino, 1847-52. 6 vols. 8°.

Figures very coarse; the Latin names of J. Bauhin are usually given in preference to those of Linnaeus!

- †HAMILTON (E.). *Flora homoeopathica*. Lond. 1852-3. 2 vols. 8°.

- †HAYNES (D. H. B.). *Examinations in Medical Botany*. Lond. 1853. 12°.

- †SKELTON (J.). *Botanic Record and Family Herbal*. Leeds, 1852-5. 8°.

An ignorant book; there is an index to the plants figured.

- †ARTUS (W. F. W.). *Repetitorium . . . ueber pharmaceutische Waarenkunde der Pflanzen- . . . reichs*. Weimar, 1843. 4°. Ed. 3. 1856.

- †GRAY (S. F.). *Supplement to the Pharmacopoeia* . . . Lond. 1818. 8°. Ed. 6.

Ed. "3." by T. Redwood, 1857.

- †PEREIRA (J.). *Elements of Materia Medica*. Lond. 1839-40. 8°. Ed. 2. 1854-7. 2 vols. 8°.

- †BLACKIE (G. S.). *Botany as an Ally of Medicine* . . . Nashville, 1859. 8°.

- †COMTE (A.). *Notions sanitaires sur les végétaux dangereux* . . . Nantes, 1862. 4°.

- ETTINGSHAUSEN (C. von). *Physiographie der Medicinal-pflanzen*. Wien, 1862. 8°.

- †HENKEL (J. B.). *Medizinisch-pharmaceutische Botanik* . . . nebst Atlas . . . Tueb. 1862. 8°.

- †—— Atlas zur Mediz. pharm. Botanik . . . Tueb. 1863. 8°.

- †LINKE (J. R.). *Lehrbuch der medicinisch-pharm. Pflanzenkunde* . . . Leipzig, 1863. 4°.

- ROSENTHAL (D. A.). *Synopsis plantarum diaphoricarum* . . . Erlangen, 1862. 8°.

- †ROBINSON (M.). *The new Family Herbal* . . . Lond. 1863. 8°.

- †ROUGET (F.). *Connaissance des plantes médicinales* . . . Toulouse, 1865. 12°.

- †BERG (E. von). Handbuch der pharmazeut. Botanik. Berlin, 1845. 8°. Ed. 5. 1866.
- †ARGENTI (V. M. de). Album de la flora médico-farmacéutica é industrial indigena y exotica . . . Madrid, 1866. 3 vols. fol.
- †GOULLON (H.). Beschreibung der in der homoeopathischen . . . aufgenommenen Pflanzen . . . Leipzig, 186[4-]7. 4°.
- †MASSÉ (J.). Botanique médicale. Paris, 1855. 12°. Ed. 11. 1867. 18°.
- *FLUECKIGER (F. A.). Lehrbuch der Pharmakognosie des Pflanzenreichs . . . Berlin, 1867. 8°.
- †SCHLICKUM (O.). Wie soll der junge Apotheker Botanik trieben? . . . Neuwied, 1868. 8°.
- *†BERG (O. K.), & C. F. SCHMIDT. Darstellung und Beschreib. saemmtlicher . . . Pharm. borussica . . . officinellen Gewaechse . . . Leipzig, [1858-64]. 4 vols. 4°. Ed. [2. 1863-9].
- A thoroughly good book, probably the very best of its class; both in text and illustrations.
- †HARLEY (A.). Old vegetable Neurotics . . . Lond. 1869. 8°.
- †STROHECKER (J. R.). Repetitorium der syst.-medizinischen Botanik. Muenchen, 1869. 8°.
- †Handatlas saemmtlicher medicinisch-pharmaceutischer Gewaechse . . . Jena, 1845-7. 8°. Ed. 4. 1866-70. 8°.
- †WALDENBURG (L.), & C. E. SIMON. Handbuch der allgemeinen Arzneiverordnungslehre. Ed. 7. Berlin, 1870. 8°.
- †BIRKMEYER (C.). Populaere Pflanzenkunde und Hausapotheke. Ed. 2. Neu-Ulm, 1868. 8°.
- Ed. 3. 1871, under the title of Kraeuterbuch nebst Hausapotheke.
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- †W[EALE] (W. H. J.). *Flores Ecclesiae: the Saints of the Catholic Church . . . with the Flowers dedicated to them.* Lond. 1849. 8°.

A mere list of names, with arbitrary allotment of a plant to each.

- †ADAMS (H. G.). *Flowers, their moral Language and Poetry.* Lond. 1850. 18°.

- †The Catholic Florist. Lond. 1851. 18°.

Preface by F. Oakeley, who speaks of an otherwise unknown writer, one "Theoscorides."

- †The Poetry of Flowers. Edinb. 1851. 12°.

- †ADAMS (H. G.). *Dict. and Poetry of Flowers.* Lond. 1855. 16°.

- †—— Grammar and Dict. of Flowers. Lond. 1855. 16°.

- MAGNAT (C.). *Traité du langage symbolique . . . des fleurs.* Paris, 1855. 8°.

- †RICHARDSON (D. L.). *Flowers and Flower Gardens . . . Calcutta,* 1855. 8°.

Contains Hindu ceremonial flowers.

- DU MOLIN (J. B.). *Flore poétique . . . Paris,* 1856. 8°.

- †BACON (M. A.). *Flowers and their kindred thoughts.* Lond. 1848. 8°. Ed. [2.] 1857?

- *WILKINSON, Lady. *Weeds and Wild Flowers . . . Lond.* 1858. 8°.

- †BADGER (C. M.). *Wild Flowers.* New York, 1858. 4°.

Introduction by Mrs. L. H. Sigourney.

- †UNGER (F.). *Die Pflanze als . . . Betaeubungsmittel.* Wien, 1857. 8°.

- †—— *Die Pflanze als Zaubermittel.* [Wien], 1858. 8°.

- †DRESSER (C.). *Unity in Variety.* Lond. 1859. 8°.

- †*Botanique morale et religieuse . . . Lyon,* 1859. 12°.

- SEEMANN (B.). *Hannov. Sitten und Gebrauche in ihrer Beziehung zur Pflanzenwelte.* Leipzig, 1862. 8°.

- †PERGER (A. R. von). *Deutsche Pflanzensagen.* Stuttg. 1864. 8°.

- †JURANVILLE (C.). *La voix des fleurs.* Paris, 1867. 12°.

- †REALE (R.). *Flora Mariana . . . Napoli,* 1868. 8°.

Plants connected with the Virgin Mary.

- *†GRINDON (L. H.). *Echoes in Plant and Flower Life.* Lond. 1869. 12°.

- *†INGRAM (J. H.). *Flora symbolica . . . Lond.* [1870]. 8°.

- †*Flowers and their Emblems.* Plymouth, 1872. 4°.

- †WARTMANN (B.). *Beitraege zur St. Gallischen Volksbotanik*. St. Gallen, 1861. 8°. Ed. 2. 1875.
- †KOBELL (F. von). *Ueber Pflanzensagen und Pflanzen symbolik*. Muenchen, 1875. 8°.
- †LORINER (F.). *Das Buch der Natur*. IV. Botanik in Bezieh. zur Theodicee. Regensb. 1878. 8°.
- †MULLER (E.). *La forêt*. . . . Paris, 1878. 8°.
- †WARNKE (F.). *Pflanzen in Sitte, Sage, und Geschichte*. Leipzig, 1878. 8°.
- †NEIL (J.). *Rays from the Realms of Nature; or, Parables of Plant Life*. Lond. [1879]. 8°.
- †Flower Lore. Belfast, 1879. 8°.

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- †SCHLEIDEN (M. J.). *Die Rose, Geschichte und Symbolik*. Leipzig, 1873. 8°.

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- DELACHENAYE (B.). *Abécédaire de Flore*. Paris, 1811. 8°.
- †Garland of Flora. Boston, U.S., 1829. 8°.

Language of flowers and poetical gatherings.

- †Flora's Dictionary. Baltimore, 1829. 4°.
- †Language of Flowers, by a Lady. Lond. 1834.
- *†T[YAS], (R.). *Sentiment of Flowers*. Lond. 1835. 16°.
[Ed. 2.] 1844. 8°.
- †The Floral Telegraph. Lond. 1836. 8°.
- †Flora's Gems for 1837. Lond. 1836. 4°.
- †The Queen of Flowers. Ed. 2. Lond. 1840. 16°.
- *†HENSLOW (J. S.). *Le bouquet des souvenirs*. . . . Lond. 1840. 8°.
- †Etiquette of Flowers. Lond. 1851. 32°.

Apparently the forerunner of innumerable anonymous editions, equally with this undeserving of notice.

- †TYAS (R.). *Speaking Flowers*. Lond. 1875. 16°.
- †——— *Language of Flowers*. Ed. [2?] Lond. 1876. 8°.
- †Language and Poetry of Flowers. Lond. 1877. 18°.
- †Poetry of Flowers. Lond. 1877. 18°.
- †Almanach du langage des fleurs . . . Paris, 1880. 16°.
- †FAUCON (E.). *Le langage des fleurs*. Paris, 1880. 12°.

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- †TYAS (R.). *Flowers and Heraldry*. Lond. 1851. 8°.

§ 71. PRACTICAL BOTANY.

Plant-collection.

†PETIVER (J.). J. P. his Book, for a Collection of whatever Trees, Shrubs, Herbs, . . . you shall find. [Lond. 1690?] fol.

Printed in bold type on a strong rough paper, for distribution to travellers and seamen who were willing to collect for Petiver.

—†LETTSON (J. C.). Naturalist's and Traveller's Companion. Lond. 1772. Ed. 2. 1774.

†GRAVES (G.). Naturalist's Pocket Book, or Tourist's Companion. London, [1817]. 8°.

Botany, pp. 278—301. Issued in 1818 with new title-page; also in 1824.

†SCHICHOWSKY. *Method of Collecting Plants. S. Peterb.* [no date]. fol.

*†GERMAIN DE SAINT-PIERRE (E.). Guide du botaniste. Paris, 1852. 8°.

†ADAMS (A.), W. B. BAIKIE, & C. BARRON. Manual of Natural History for Travellers. Lond. 1854. 8°.

Part ii. Phytology, pp. 381—537.

†[WILLIAMS (J.).] The Botanist's Vade Mecum. Lond. 1855. 8°. Ed. 2. 1856.

Extracted from Balfour's Manual, and issued anonymously.

†BALFOUR (J. H.). The Botanist's Companion . . . Edinb. 1860. 8°.

†HOOKER (W. J.). Botany [in Herschel's Manual of Scientific Enquiry]. Lond. 1849. 8°. Ed. 4. Lond. 1871.

†DUNSTER (H. P.). Young Collector's Handy-book. Lond. 1871. 8°.

Calculated to mislead the reader.

†LACOSTE (C.). Cours d'herborisation, journal d'un botaniste. Agen, 1871. 8°.

†CAMINHOÁ (J. M.). Memoria sobre o modo de conservar as plantas, com suas formas e cores ou dos herbarios em geral . . . Rio de Janeiro, 1873. 8°.

†PICCONE (A.). Istruzione scientifica per viaggiatori. Botanica. Roma, 1874. 8°.

†KOLLMANN (T.). Anleitung zur Konservierung der Pflanzen, nach der von K. Schelivsky erfundenen Imprägnierungsmethode Leipzig, 1875. 8°.

*†CAPUS (G.). Guide du naturaliste préparateur. Paris, 1879. 12°. Plants, pp. 24—95.

†ALLOM (E. A.). Sea Weed Collector. Lond. 1845. 18°.

*†NAVE (J.). Handy-Book to the Collection . . . of the lower Cryptogamia. Lond. 1867. 8°.

Transl. by Rev. W. W. Spicer from the German, Dresden, 1864.

†MARCHAND (L.). Les herborisations cryptogamiques. Paris, 1880. 8°.

†CASTRACANE (F.). Istruzioni per raccogliere Diatomee. Roma, 1875. 8°.

†EDWARDS (A. M.), JOHNSON & SMITH. Directions for collecting, preserving and preparing Diatoms. New York, 1878. 8°.

†LINDLEY (J.). Instructions for packing living plants in foreign countries . . . Lond. 1823. 4°.

†SCHLAGINTWEIT-SAKUENLUENSKI (H. von). Anlage des Herbariums waehrend der Reisen . . . Muenchen, 1877. 4°.

Preservation.

†SWAINSON (W.). Naturalist's Guide for collecting and preserving . . . Lond. 1822. 8°.

†LECOQ (H.). La préparation des herbiers . . . Paris, 1829. 8°.

†SHORT (C. W.). Instructions for the gathering and preservation of plants for the Herbarium. Lexington, 1833. 8°.

†HARVEY [W. H.]. Short directions for drying botanical specimens. [Dubl. 1840?] 8°.

†ELOFFE (A.). L'art de préparer les plantes terrestres, d'eau douce et marines pour en former des herbiers . . . pour l'étude. Paris, 1859. 18°. Ed. 2. 1862.

†KREUTZER (K. J.). Das Herbar. Wien, 1864. 8°.

†RAMANN (G.). Das Herbarium. Berlin, 1871. 8°.

Also has a list of German plants.

†PRIOR (R. C. A.). Plant preserving. [Lond. 1878?] 12°.

Description.

RIPA (L.). Hist. univ. pl. scribendae . . . Patavii, 1718. 4°.

LINDLEY (J.). Descriptive Botany. Lond. 1860. 8°.

†WALDHERR (F. X.). Muster-Beispiele von Beschreibung aus dem T.- Pflanzen- und M.- reiche. Muenchen, 1862. 8°.

†SPROCKHOFF (A.). Huelfsbuch . . . Unterricht. Abth. 1. Pflanzenbeschreibungen . . . Berlin, 1872. 8°.

†CANDOLLE (A. de). *Reflexions sur les ouvrages généraux de botanique descriptive*. Genève, 1873. 8°.

†CHAUDÉ (—.). *Botanique descriptive* . . . Paris, 1876. 12°.

*†CANDOLLE (A. de). *La phytographie, ou l'art de décrire les végétaux* . . . Paris, 1880. 8°.

An important feature is the list of Herbaria containing the types of various authors.

†BARRINGTON (D.). *The Naturalist's Journal*. Lond. [1817]. 4°.
Intended to record flowering and leafing of plants, etc.

Use of the Microscope.

—HOOKE (R.). *Micrographia*. Lond. 1667. fol.
Some copies are dated 1665.

—NEEDHAM (J. T.). *Account of some new microscopical discoveries*. Lond. 1745. 8°.
Also in German and French.

PARSONS (J.). *The Microscopical Theatre of Seeds* . . . Lond. 1745. 4°.
Only one vol. was issued.

ADAMS (G.). *Micrographia illustrata* . . . London, 1746. 4°.
(pp. 165–235 relate to Plants.) Ed. 4. 1771.

*HILL (J.). *The construction of Timber*. Lond. 1770. fol. Also in 8°. Ed. 2. 1774. fol.
Really good drawings of sections of wood as seen under the microscope.

*LEEUWENHOEK (A. van). *The select works of A. van L.*, . . . translated by S. Hoole. Lond. 1798–1807. 2 vols. 4°.

ADAMS (G.). *Essays on the Microscope* . . . Lond. 1787. 4°.
Ed. 2. 1798.

†——— *Plates for the Essays on the Microscope*. Lond. 1787. fol.
Plates 27–29 are of sections of vegetable stems.

AMICI (G. B.). *Osservazioni microscopiche sopra varie piante*. Modena, 1823. 4°.

MARTINS (C.). *Du microscope . . . à l'étude . . . de l'utricule*. Paris, 1839. 4°.

—DUJARDIN (F.). *Manuel complet . . . au microscope*. Paris, 1843. 8°.

—MOHL (H.). *Mikrographie* . . . Tuebingen, 1846. 8°.

*SCHACHT (H.). *Das Mikroskop*. Berlin, 1851. 8°.

EHRENBERG (C. G.). *Mikrogeologie*. Leipzig, 1854. fol.

—†REINICKE (F.). *Beitr. zur neueren Mikroskopie*. Dresd. 1858. 8°.

- †REINHARD (H.). Das Microscop. Ed. 2. Leipzig, 1864. 8°.
- †REINSCH (P. F.). Das Mikroskop. Nuernb. 1867. 8°.
- †WIESNER (J.). Einleitung in die technische Mikroskopie. Wien, 1867. 8°.
- DIPPEL (L.). Das Mikroskop . . . Braunschweig, 1867-9. 8°.
- †WILLKOMM (M.). Die Wunder des Mikroskops . . . Leipzig, 1871. 8°.
- †WIGAND (A.). Mikroskopische Untersuchungen. Stuttg. 1872. 8°.
- *†CARPENTER (W. B.). The Microscope . . . Lond. 1856. 8°. Ed. 5. 1875. 8°.
- †PELLETAN (J.). Le microscope . . . Paris, 1876. 8°.
Applications . . . à la botanique, pp. 311-589.
- †NÄGELI (C.), & S. SCHWENDENER. Das Mikroskop. Leipzig, 1865-7. 8°. Ed. 2. 1877.
- †GIRARD (J.). Les plantes étudiées au microscope. Paris, 1872. 18°. Ed. 2. 1877.
- †ROBIN (C.). Traité du microscope . . . Paris. Ed. 2. 1877. 8°.
- †HEURCK (H. van). Le microscope appl. à l'anatomie végétale . . . Paris, 1865. 8°. Ed. 3. Anvers, 1878.
- †BEAUREGARD (H.), & V. GALIPPE. Guide . . . de micrographie . . . Paris, 1880. 8°.

- †GROENLAND (J.), M. CORNU, & G. RIVET. Des préparations microscopiques . . . du règne végétale. Paris, 1872. 8°.

Micro-photography.

- †ROMBOUTS (J. E.). De microphotographie en hare aanwending bij botanische onderzoekingen. Deventer, 1874. 8°.
- †FUNCKE (F.), & W. THELEN. Mikrophotogramme aus dem Pflanzen- und Thierreich. Witten, 1877. 16°.
- †BARY (A. de). Mikro-Photographien nach botanischen Praeparaten . . . Strassb. 1878. 4°.

The photographs by J. Grimm.

Botanical Drawing.

- SOWERBY (J. E.). Easy Introduction to drawing flowers . . . Lond. [1788]. obl. 4°.
A German transl. Weimar, 1794.
- †—— A Botanical drawing Book. Ed. 2. Lond. [1807]. 4°.
- †KIESAI. *Sao-kwa-rjak-guwa-siki*. (Short method of drawing plants.) Jedo, [1814]. 8°.
- †BURBIDGE (F. W.). Art of Botanical Drawing. Lond. 1873. 8°.

†FITCH (W. G.). *Le dessin appliqué à la botanique*. Gand, 1877. 8°. Transl. by E. Morren.

†HARVEY (W. H.). *Botany considered in reference to the Arts of Design . . .* Dubl. [1849]. 8°.

†BALLEYDIER (A.). *Flore des dessinateurs*. Paris, 1856. 4°.

†HULME (F. E.). *Plant Form . . .* Lond. 1868. fol.

†WAGNER (H.). *Malerische Botanik. Schilderungen aus dem Leben der Gewaechse*. Leipzig, 1861. 8°. Ed. 2. 1872.

†WATSON (F.). *Flowers and Gardens; notes on Plant Beauty*. Lond. 1872. 8°.

†HULME (F. E.). *Plants, their natural growth and ornamental treatment*. Lond. 1874. fol.

†REUSS (G. C.). *Pflanzenblaetter in Naturdruck . . .* Stutt. 1862-9. 8°. Atlas, fol. Ed. 2. 1869-72.

†SELIGMANN (J. F.). *Die Nahrungs . . . Blaettern der Baeume . . .* Nuernb. 1748. fol.

Ectypa of skeleton leaves.

†GRIFFITH (W. P.). *Architectural Botany*. Lond. 1852. 4°.

LOCAL WORKS.

§ 72. DIRECTORIES.

*†MORREN (E.). *Correspondance botanique*. Liège. 8°. Ed. 4. 1876. Ed. 7. 1879.

A most useful address-book of botanists in every part of the world.

†[LEGGETT (W. H.).] *Botanical Directory for America*. New York, [1878]. 8°.

§ 73. GEOGRAPHICAL DISTRIBUTION.

HUMBOLDT (F. A. von), & A. BONPLAND. *La géographie des plantes*. Paris, 1805. 4°.

— *De distributione geographica plantarum . . .* Lutet. Par. 1817. 8°.

†BARTON (J.). *Geography of Plants*. Lond. 1827. 12°. In French, Brux. 1829. 8°.

- BRISSEAU-MIRBEL (C. F.). *Distribution géographique des végétaux phanerogames de l'ancien monde* . . . Paris, 1827. 4°.
- †——— *Botanical Geography*. Lond. 1833. 18°.
Transl. by J. Parkinson.
- HEER (O.). *Beitraege zur Pflanzengeographie*. Zuerich, 1835. 8°.
- MEYEN (F. J. F.). *Grundriss der Pflanzengeographie* . . . Berlin, 1836. 8°.
English translation, *Outlines of the geography of plants*. Ray Society, Lond. 1846.
- †BAIKOFF (D.). *The Distribution of Plants. Progr. Ac. Jaroslaviae*, 1843. 4°.
- HINDS (R. B.). *Regions of Vegetation* . . . Lond. 1843. 8°.
- †JUSSIEU (Adr. de). *Géographie botanique*. Paris, 1845. 8°.
- HOFFMANN (H.). *Pflanzenverbreitung und Pflanzenwanderung*. Darmstadt, 1852. 8°.
- *CANDOLLE (A. de). *Geographie botanique*. Paris, 1855. 2 vols. 8°.
A work of the greatest authority and value.
- HOFFMANN (H.). *Pflanzenklimatologie*. Leipzig, 1857. 8°.
- †C. (E. M.). *Popular Geography of Plants*. Lond. 1855. 16°.
- †——— *Plants of the World*. Lond. 1865.
The same work with new title-page; edited by C. G. B. Daubeney.
- †PALACKÝ (J.). *Pflanzengeographische Studien*. Prag, 1864. 4°.
- †HOOKER (J. D.). *Lecture on Insular Floras*. [Lond. 1867.] 4°.
- †DELPINO (F.). *Alcuni appunti di geografia botanica* . . . [Firenze, 1869.] 8°.
- †AULIN (F. R.). *Oefter hafsalgern. geogr. utbredning*. Stockh. 1872. 8°.
On the distribution of Algae in the Atlantic Ocean.
- *†GRISEBACH (A.). *Die Vegetation der Erde nach ihrer klimatischen Anordnung*. Leipzig, 1872. 8°.
French transl. *La végétation*, Brux. 1875. 8°.
„ „ Paris, 1875-8. 2 vols. 8°.
- †BAKER (J. G.). *Elementary Lessons in Botanical Geography*. Lond. 1875. 8°.
- †PICKERING (C.). *Geographical distribution of Animals and Plants*. Boston, 1854. 4°. Ed. [2.] 1864.
This forms vol. xv. Part ii., with separate title and pagination, of C. Wilkes, *Expedition*. See page 224.
- †——— *Id.* Pt. 2. Salem, 1876. 4°.
Part i. consists of chronological observations on introduced animals and plants, with three Indexes, Foreign words, Names of Persons, and Index [of Subjects]. Part ii. treats of plants in their wild state.

- FRIES (T. M.). Om växternas spridning. Stockholm, 1880. 8°.
 *†GRISEBACH (A.). Gesammelte Abhandlungen und kleinere Schriften zur Pflanzengeographie. Leipzig, 1880. 8°.
 †IHNE (E.). Studien zur Pflanzengeographie. Giessen, 1880. 8°.

SCHOUW (J. F.). Plantgeographisk Atlas. Kjøbenhavn, 1824. fol.
 Two German editions, both Berlin, 1823.

- *†BERGHAUS (H.), & A. K. JOHNSTON. Physical Atlas. Edinb. 1847. fol.

Contains maps of the distribution of plants.

- *——— Allgemeiner pflanzengeographischer Atlas. Gotha, 1851. fol.
 *RUDOLPH (L.). Atlas der Pflanzengeographie . . . Berlin, 1852. fol. Ed. 2, 1864.

-
- †PLANCHON (J. E.). Des limites naturelles des flores. Montp. 1871. 8°.

Has especial reference to the Montpellier Flora.

§ 74. VOYAGES.

- RAUWOLF (L.). Travels . . . Lond. 1693. 8°.

Translated from the German, and issued as part of a Collection of curious Travels and Voyages.

- RAY (J.). Travels through the Low Countries, Germany, Italy, and France . . . London, 1673. 2 vols. 8°. Ed. 2. 1738.

Includes lists of plants.

- PARKINSON (S.). Voyage to the South Seas . . . Lond. 1773. 4°.

The author was draughtsman to Sir Joseph Banks during Cook's first voyage in the "Endeavour," but dying on the voyage, this work was put together by Stanley Parkinson, a brother of Sidney, the artist. The original drawings are now in the Botanical Department, British Museum.

- *BAUER (F.). Tabulae ineditae . . . [Lond. *circ.* 1780.] fol.

- LA BILLARDIÈRE (J. J. H. de). Voyage à la recherche de La Pérouse . . . Paris, [1799]. 2 vols. 8°. Atlas, fol.

Copies exist with the imprint "Londres, 1800."

- RICHARDSON (J.). Botanical appendix [to Franklin's Narrative]. Lond. [1823]. 4°.

- GAUDICHAUD-BEAUPRÉ (C.). Botanique du voyage . . . l'Uranie . . . Paris, 1826. 4°. Atlas, fol.

- BRONGNIART (A. T.). *Botanique du voyage . . . La Coquille . . .*
Paris, 1829. 4°.
- HOOKE (W. J.), & G. A. W. ARNOTT. *Botany of Captain Beechey's voyage.* Lond. 1841. 4°.
- *† WILKES (C.). *Botany of U.S. Expedition, 1838-42.*
Vol. xv. *Botany, Phanerogamia*, by A. Gray. Philad. 1854. 8°.
Atlas, 4°.
xv. — *Distribution*, by C. Pickering. Boston, 1854. 8°.
xvi. — *Filices*, by W. D. Brackenridge. Philad. 1854.
8°. Atlas, fol.
- HOOKE (W. J.). *Notes on Erebus and Terror Botany.* Lond. 1843. 8°. (*See* J. D. Hooker, below.)
- † MEYER (F. J. F.). *Beitraege zur Botanik ges. auf einer Reise um die Erde . . .* Breslau, 1834-43. 3 vols. 4°.
After the author's death the botany was worked up by J. T. C. Ratzeburg, J. Vogel, A. Grisebach, C. G. Nees von Esenbeck, J. von Flotow, J. F. Klotzsch, and W. G. Walpers.
- * BENTHAM (G.). *Botany of the Voyage of H.M.S. Sulphur, 1836-42.* Lond. 1844. 4°.
- DARWIN (C.). *Voyage of the Beagle.* Ed. 2. Lond. 1845. 8°.
Translated into French, Dutch, and German (2 versions). Ed. 1. forms vol. iii. of R. Fitzroy's *Surveying Voyages of H.M.S. Adventure and Beagle.* Lond. 1839. 4 vols. 8°.
- * SEEMANN (B.). *Botany of the Voyage of the Herald.* Lond. 1852-7. 4°.
- * HOOKE (J. D.). *Botany of the Erebus and Terror.* Lond. 1844-60. 6 vols. 4°.
- * GAUDICHAUD-BEAUPRÉ (C.). *Botanique du voyage . . . la Bonite.* Paris, 1844-66. 5 vols. 8°.
- † *Reise des Oesterreichischen Fregatte Novara um die Erde in dem Jahren 1857-9, . . . Botanisches-Theil.* Vol. i. *Sporenpflanzen.* Wien, 1870. 4°.
Edited by E. Fenzl, assisted by A. Gronow (*Algae*), J. Krempelhueber (*Lichens*), H. W. Reichardt (*Fungi, Hepaticae, Musci*), G. Mettenius (*Ferns*), J. Milde (*Ophioglossaceae and Equisetaceae*).
- MARKHAM (C. R.). *Travels in Peru and India.* Lond. 1862. 8°.
In search of *Cinchona* plants.
- † REICHARDT (H. W.). *Botanische Ausbeute der Polar-Exp. . . .* Wien, 1872. 8°.
- † MAGNUS (P.). *Botan. Unters. bei der Pommerania-Exped. . . .* 1871. Kiel, 1871. 4°.
- † ——— *Die Botan. Ergebnisse der Nordseefahrt im Sommer, 1872.* Berlin, 1874. fol.

†[BUCHENAU (F.).] Zweite Deutsche Nordpolfahrt. I. Botanik.
[Bremen, 1872.] 8°.

Assisted by A. Pansch, W. O. Focke, K. Mueller, G. W.
Koerber, H. F. Bonorden, L. Fuckel, and G. Kraus.

†MARTIUS (C.). Du Spitzberg au Sahara. Paris, 1865. 8°.
Transl. Von Spitzbergen zur Sahara, Jena, 1871. 8°.

LOCAL FLORAS.

§ 75. EUROPE.

BRUECKMANN (F. E.). Sendschreiben . . . die Kraeuter nach dem
Leben abzudrucken . . . Wolfenb. 1733. 4°.

†KNIPHOF's Antwort darauf. Erfurt, 1733. 4°.

Ectypa vegetabilium. Halae, 1760. fol.

*KNIPHOF (J. H.). Botanica in originali . . . Erfurti, 1747. 2 vols.
fol. [1757-64.] [Ed. 2.] 1763-64. (12 centuries.)

Impressions in printer's ink from the plants themselves.

†[VILLE (N. de).] Histoire des plantes de l'Europe . . . Lyon,
1670. 12°.

Better known perhaps as "Le petit Bauhin." There is a Spanish
version by J. Vigier, Lion, 1718, 2 vols. 12°.

Cat. stirpium in exteris regionibus a nobis observatarum quae vel
non omnino vel parce ad modum in Anglia sponte proveniunt.
Lond. 1673. 8°.

This is given by E. von Berg, Additamenta, pars ii, as an indepen-
dent work; it is only a portion of "Travels through the Low Countries,"
which has separate pagination, see Pritzel, Thes. 2. No. 7433.

RAY (J.). Stirpium europaeorum extra Britannias . . . Lond.
1694. 8°.

Compiled from the observations of previous authors, with his own
additions.

BARRELIER (J.). Plantae per Galliam, Hispaniam et Italiam obser-
vatae . . . (Ed. Ant. de Jussieu). Parisiis, 1714. fol.

†LAICHARTING (J. N. von). Vegetabilia europaea . . . Oeneponte,
1790-1. 2 vols. 8°.

BATSCH (A. J. G. C.). Dispositio generum plantarum Europae.
Jenae, 1794. 4°.

- †GILBERT (J. E.). Histoire des plantes d'Europe . . . Lyon, 1798.
2 vols. 8°. Ed. 2. 1806. 3 vols.

Intended to supersede "Le petit Bauhin;" see last page.

- BOISSIEU (C. V. de). Flore d'Europe . . . Lyon, 1805-7. 3 vols. 8°.

- ROEMER (J. J.). Flora europaea inchoata. (Fasc. i.-xiv.) Norimb.
1797-1811. 8°.

- GRAUMULLER (J. C. F.). Diagnose der bekanntesten . . . besonders
europaeischen Pflanzengattungen. Eisenburg, 1811. 8°.

- MOUTON-FONTENILLE (J. P.). Tableaux . . . d'un Pinax des
plantes européennes. Paris, [1814-5]. 8°.

- VAUCHER (J. P. E.). Histoire physiologie des plantes d'Europe . . .
Paris, 1841. 4 vols. 8°.

- *WOODS (J.). Tourist's Flora . . . Lond. 1850. 8°.

Although much out of date, still the only available volume treating
of the Flora of Great Britain, Ireland, France, Germany, Switzer-
land, and Italy.

- HENFREY (A.). Outlines of the Natural History of Europe. The
Vegetation . . . Lond. 1852. 8°.

- *NYMAN (C. F.). Sylloge florae europaeae . . . Oerebroae, 1854-5.
4°. Supp. 1865.

Arranged according to the classification of E. M. Fries.

- *JORDAN (A.), & J. FOURREAU. Icones ad floram Europae . . . Paris,
1866-8. fol.

Beautiful drawings of critical forms.

- †GANDOGER (M.). . Decades pl. nov. praesertim ad floram Europae
spectantes. Paris, 1875-6. 8°.

- *NYMAN (C. F.). Conspectus florae europaeae. Oerebro, 1878. 8°.→

The Candollean arrangement is here adopted, to benefit the
majority of readers.

- STERLER (A.). Europas medicinische Flora. Muenchen, 1820. fol.

- LAMOTTE (M.). Cat. des plantes vasculaires de l'Europe centrale.
Paris, 1847. 8°.

- LECOQ (H.). Géographie botanique de l'Europe. Paris, 1854-8.
9 vols. 8°.

Principally concerning the central plateau of France.

- KOCH (K.). Dendrologie . . . Mittel und Nord-Europas. Erlang.
1869-73. 8°.

- †CLEVE (P. T.). On Diatoms from the Arctic Sea. Stockh. 1873. 8°.

- †LAGERSTEDT (N. G. W.). Soetvattens-diatomaceer från Spetsbergen och Beeren eiland. Stockh. 1873. 8°.
- †FLUEGEL (J. H. L.). Die Diatomaceen . . . der Ostsee. Kiel, 1873. fol.
- †SCHMIDT (A.). Grundproben der Nordseefahrt . . . enthalten Diatomaceen. Berlin, 1874. fol.
- †KLINGGRAEFF (C. J. von). Zur Pflanzengeographie des noerdl. und arktischen Europas. Marienw. 1875. 8°.
- †GOBI (C. Y.). Die Algenflora des Weissen Meeres. Petersb. 1878. 4°.
- †FUCHS (T.). Die Mediterranflora . . . Wien, 1877. 8°.
- †SCHULTZ (F. W.). Archives de la flore de France et d'Allemagne. Vol. i. Bitche, 1848. 8°. Vol. ii. Wissembourg, 1855. 8°. Explanatory of his Herbarium normale.
- †BILLOT (C.). Annotations à la flore de France et d'Allemagne. Haguenau, 1855. 8°. Notes upon some of the plants contained in the first 30 centuries of his Exsiccata.
- BAVOUX (V.), A. & P. GUICHARD, & J. PAILLOT. Billotia. Besançon, 1864-9. 8°. A continuation of the last.
- †COMBER (T.). Geographical Statistics of the Extra-British European Flora. Liverpool, 1875. 8°.
-
- †ZIMMETER (A.). Verwandschaft-Verhaeltnisse und geographische Verbreitung der in Europa einheimischen Arten der Gattung Aquilegia. Steyr, 1875. 8°.
- †GANDOGER (M.). Essai . . . des roses de l'Europe, de l'Orient et du bassin du Méditerranée. Paris, 1876. 8°. Spanish transl. by R. M. Cercós, Barcelona, 1880. 8°.
- SERINGE (N. C.). Céréales européennes . . . Ed. 2. Paris, 1841-7. 8°. Ed. 1. appeared in a volume of Mélanges botaniques.
- KOCH (W. D. J.). De Salicibus europaeis commentatio. Erlangae, 1828. 8°.
- WIMMER (F.). Salices europaeae . . . Breslau, 1866. 8°.
-
- †ROUMEGUÈRE (C.). Cryptogamie illustrée . . . Paris, 1870. 4°.
-
- *MILDE (J.). Filices Europae et Atlantidis . . . Leipzig, 1867. 8°.
- †BRITTEN (J.). European Ferns. Lond. 1879. 4°.→
- †HEUFLER (L. von). Asplenii species europaeae. Wien, [1856]. 8°.
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- *SCHIMPER (W. P.). *Bryologia europaea* . . . Stuttgartiae, 1836-55.
6 vols. 4°.
- †——— *Corollarium bryologiae europaeae* . . . Stuttg. 1856. 8°.
- *†——— *Synopsis muscorum europaeorum* . . . Stuttg. 1860. 8°.
Ed. 2. 1876. 2 vols.
- *Musci europaei novi* . . . Stuttg. 1864-6. 4°. (4 Fasc.)
- †LINDBERG (S. O.). *Utkast till en naturlig gruppering af Europas bladmosser* . . . [Bryineae acrocarpeae]. Helsingf. 1878. 4°.
- †——— *Observ. de Mniaceis europaeis*. Helsingf. 1866. 8°.
- †——— *Observ. de formis pr. europ. Polytrichoidearum*. Helsingf. 1868. 8°.
- *Om de europeiska Trichostomeae*. Helsingf. 1864. 8°.
-
- LINDENBERG (J. B. W.). *Synopsis hepaticarum europearum* . . .
Bonnae, 1829. 4°.
- DUMORTIER (B. C.). *Sylloge Jungermannidearum Europae indigenarum* . . . Tornaci Nerviorum, 1831. 8°.
- NEES VON ESENBECK (C. G.). *Naturgeschichte der europaeischen Lebermoose*. Berlin und Breslau, 1833-8. 4 vols. 8°.
- *†Du MORTIER (B. C.). *Hepaticae Europae. Jungermannideae Europae post semisaeculum recensitae, adjunctis hepaticis*. Brux. et Lips. 1874. 8°.
-
- *RABENHORST (L.). *Flora europaea algarum* . . . Lips. 1864-8. 8°.
- *AGARDH (C. A.). *Icones algarum europaeorum*. Leipzig, 1828-35. 8°.
-
- †BRAUN (A.). *Conspectus systematicus Characearum europearum*.
[Dresden], 1867. 4°.
-
- FRIES (E. M.). *Lichenographia europaea reformata*. Lundae et Gryphiae, 1831. 8°.
- SCHAEFER (L. E.). *Enum. critica lichenum europaeorum* . . .
Bernae, 1850. 8°.
- *HEPP (P.). *Sporen der europaeischen Lichenen* . . . Zuerich, 1833-67. 4°.
- Rarely met with complete, being privately printed and long in progress.
- †GAROVAGLIO (S.). *De lichenibus endocarpeis mediae Europae*.
Mediol. 1872. 4°.
- †——— *De Pertusariis Europae mediae*. Mediol. 1874. 4°.
-
- PERSOON (C. H.). *Mycologia europaea*. Erlangae, 1822-8. 8°.

†GONNERMANN (W.), & L. RABENHORST. *Mycologia europaea*. Dresden, 1869-72. fol.

†ROUMEGUÈRE (C.). *Index synonymique . . . des champignons*. Paris, 1873. 4°.

*†FRIES (E.). *Hymenomycetes europaei sive Epicriseon . . . ed. alt.* Upsala, 1874. 8°.

†COOKE (M. C.), & L. QUELET. *Clavis synoptica Hymenomycetum europaeorum*. Lond. 1878. 8°.

*CORDA (A. C. J.). *Flore illustrée de Mucedinées d'Europe*. Leipzig, 1840. fol.

A French version of the *Prachtflora*, 1839.

†DAWSON (J. W.). *Alpine and Arctic Plants*. Montreal, 1862. 8°.

†VERLOT (B.). *Les plantes alpines*. Paris, 1873. 8°.

†WOOSTER (D.). *Alpine Plants*. Lond. 1872-4. 2 vols. 8°.

†SEBOTH (J.). *Die Alpenpflanzen nach der Natur gemalt*. Prag, 1878-9. 2 vols. 16°.

The descriptive Text is by F. Graf, with the cultural portion by J. Petrasch. English ed. by A. W. Bennett, Lond. 1879-80.

†CANDOLLE (A. de). *Sur les causes de l'inégale distribution des plantes rares dans la chaîne des alpes*. Florence, 1875. 8°.

†BALL (J.). *On the origin of the Flora of the European Alps*. [Lond. 1879.] 8°.

†KERNER (A.). *Die Schafgarben-Bastarte der Alpen*. Wien, 1873. 8°.

†——— *Die Primulaceen-Bastarte der Alpen*. Wien, 1875. 8°.

†BOUVIER (L.). *Les Roses des Alpes*. Genève, 1875. 8°.

†PANČIČ (J.). *Eine neue Conifere in den Oestlichen Alpen*. Belgrad, 1876. 8°.

§ 76. GREAT BRITAIN.

Topographical Guides.

JOHNSON (T.). *Mercurius botanicus . . . Lond.* 1634. 4°.

——— *Id. pars altera . . . Lond.* 1641. 8°.

*TURNER (D.), & L. W. DILLWYN. *Botanist's Guide . . . Lond.* 1805. 2 vols. 8°.

- > WATSON (H. C.). Outlines of the geographical distribution of British Plants. Edinb. [1832]. 8°. Privately printed.
 > ——— Remarks on the geographical distribution of British Plants . . . Lond. 1835. 8°. German transl. Breslau, 1837.
 . ——— Geogr. distrib. Brit. Pl. Ed. 3. Lond. 1843. 8°. The preceding two books are considered by the author to be Eds. 1 and 2; only part i. was issued.
 > * ——— New Botanist's Guide . . . Lond. 1835-7. 2 vols. 8°. Localities of the rarer plants arranged by counties.
 > FORBES (E.). Distribution of the Fauna and Flora of the British Isles. Lond. 1846. 8°.
- > * WATSON (H. C.). Cybele britannica . . . Lond. 1847-59. 4 vols. 8°. Suppt. Lond. 1860. 8°. (Privately printed.) Compendium, Lond. 1870. 8°.
- > *† ——— Topographical Botany. Thames Ditton, 1873-4. 2 vols. 8°. Privately printed. Although the author considers this the final fruits of forty years' labour, it is much to be regretted that he chose to print only 100 copies, and so restrict its use.
- > † LEES (F. A.). Summary of Comital Plant-Distribution. Welwyn, 1878. 8°. Supplementary to Watson's Topog. Botany.
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- > † COMBER (T.). On the World-distribution of British Plants. [Liverpool, 1874.] 8°.
- > * MOORE (D.), & A. G. MORE. Contributions towards a Cybele hibernica . . . Dublin, 1866. 8°.

Catalogues.

- > † [PETIVER (J.).] Botanicum anglicum. Lond. [1713?]. fol. Advertised also as—Labels for specimens of English wild plants.
- > † [COWELL (M. H.).] A Series of Botanical Labels for the Herbarium . . . Faversham, 1841. 8°. These labels were published by W. Pamplin.
- > † ARNOTT (G. A. W.). Names of Orders, Sub-Orders, and Tribes. [Glasgow, .] fol.
- > † ROBSON (J. E.). Botanical Labels for labelling Herbaria. Lond. 1873. 8°.
-
- > † Catalogue of British Plants. [Edinb.? 1834?] fol.

- × HENSLOW (J. S.). Catalogue of British plants. Camb. 1829. 8°. Ed. 2. 1835.
 - × †[FRANCIS (G.).] A Cat. of Brit. flowering Plants and Ferns. [Lond. 1835?] fol.
 - × COXHEAD (H.). Catalogue of the Vasculares . . . of Gt. Brit. Lond. [1842]. 8°.
 - × †DIXON (G.). Handbook to the Herbarium. Lond. 1845. 8°.
 - × †IBBOTSON (H.). Phaenogamous plants of Great Britain. Lond. 1848. 8°.
- A synonymic list, but not done critically.
- × BAKER (J. G.). Flowering Plants and Ferns of Great Britain. Lond. 1855. 8°.
- Classified geognostically.
- × †BALFOUR (J. H.), C. C. BABINGTON, & W. H. CAMPBELL. A Catalogue of British Plants. Edinb. 1836. fol. Ed. 2. 1841. 8°. Ed. 4. 1865.
 - × *†[WATSON (H. C.).] The London Catalogue of British Plants. Lond. 1844. 8°. (also fol.) Ed. 7. 1874. 8°.
 - × †HENSLOW (G.). Student's Catalogue of British Plants. Lond. 1879. 8°.

†LEIGHTON (W. A.). Cat. of the Cellulares or Flowerless Plants of Great Britain. Lond. 1837. 8°.

†[NEWMAN (E.).] A Catalogue of British Ferns . . . Lond. [1845]. 8°.

†MOORE (T.). Herbarium Labels for the British Ferns and allied Plants . . . Lond. [1853?]. 4°.

†PACKER (J. J.). British Mosses. Thirsk, 1855. fol.

†DIXON (G.). A Classified List of British Mosses. [Ayton, 1857?] fol.

*†HOBKIRK (C. P.), & H. BOSWELL. London Catalogue of British Mosses . . . Welwyn, 1877. 8°.

COOKE (M. C.). Index fungorum britannicarum. Lond. 1865. 8°.

Descriptive Works.

[How (W.).] Phytologia britannica. Lond. 1650. 8°.

The first British Flora.

†MERRETT (C.). Pinax rerum naturalium britannicarum . . . Lond. 1666. 8°. Ed. 2. 1667.

The bulk of ed. 1. is believed to have perished in the Fire of London; ed. 2. is simply a reprint. The author's own interleaved copy with his notes is in the British Museum.

- × RAY (J.). *Catalogus plantarum Angliae*. Lond. 1670. 8°. Ed. 2. 1677.
Arranged alphabetically.
- + ——— *Fasciculus stirpium britannicarum* . . . Lond. 1688. 8°. A scarce pamphlet, supplementary to the *Cat. Angl.*
- × † PETIVER (J.). *Mr. Ray's method of English Plants illustrated*. Lond. [1711?]. fol.
- + † ——— *English Plants* . . . already engraved. Lond. [1712?]. fol.
- × † ——— *Cat. of 600 plants*. Lond. [1713]. fol.
The same in Latin, about the same date.
- × † ——— *English Herbal*. Lond. [1715]. fol.
These four publications are really only parts of one; 600 figures were first issued on 50 plates, afterwards 22 additional plates were issued, but a complete set is seldom to be met with.
- × *RAY (J.). *Synopsis methodica stirpium britannicarum*, . . . Lond. 1690. 8°. Ed. 2. 1696. Ed. 3. [by Dillenius] 1724.
Ed. 2. the most accurate, Ed. 3. the best known.
- WILSON (J.). *Synopsis of British Plants* . . . Newcastle, 1744. 8°. 1746?
Arranged after Ray's method.
- × BLACKSTONE (J.). *Specimen botanicum . . . Angliae*. Lond. 1746. 8°. The last book issued in England before the adoption of Linnaeus's system.
- × † HILL (J.). *Flora britannica*. Lond. 1760. 8°. The date is given as occurring in the majority of copies, but I possess a copy with the title-page only different, having the date 1759. The work is Ray's *Synopsis*, arranged in the Linnean order, retaining the old names, with some observations of the author interspersed.
- × HILL (J.). *Herbarium britannicum*. Lond. 1769. 8°.
- + *† EDWARDS (J.). *British Herbal* . . . Lond. 17[68-]70. fol.
- × *† ——— *Select Collection* . . . Lond. 1775. fol.
The same work, title only differs, see Pritzel, Ed. 1. 2909 and 2910.
- × † HILL (J.). *Herbarium britannicum* . . . Lond. 1769-70. 2 vols. 8°.
- × [CULLUM (T. G.).] *Florae anglicae specimen* . . . anno 1774 inchoatum. [Lond.? 1775?] 8°.
- × † *Flora anglica, ou flore angloise, contenant les plantes qui croissent naturellement en Angleterre*. Londres, 1764. 8°. Title from Pritzel, *Theas.* Ed. 1. No. 11563.
- × † WESTON (R.). *Flora anglicana* . . . Lond. 1775. 8°.
- × JENKINSON (J.). *British Plants* . . . Kendal, 1775. 8°.
- × ROBSON (S.). *British Flora* . . . York, 1777. 8°.

- × WALCOTT (J.). *Flora britannica indigena* . . . Bath, 1778. 8°.

Slight outline figures on copper.
- × *HUDSON (W.). *Flora anglica* . . . Lond. 1762. 8°. Ed. 2. 1778.
Repr. in 1798.

The first true attempt to set forth a British Flora according to the system and nomenclature of Linnaeus.
- × WESTON (R.). *English Flora*. Lond. 1775. 8°. Supp. 1780.
- × BROUGHTON (A.). *Enchiridion botanicum* . . . Lond. 1782. 8°.
- × BERKENHOUT (J.). *Outlines of the Natural History of Great Britain and Ireland*. Lond. 1769-72. 8°.
- × †——— *Synopsis of the Nat. Hist. of Great Britain and Ireland*. Lond. 1789. 2 vols. 8°. Ed. 3. 1795.

Eds. 2. and 3. of the Outlines; vol. ii. is Botanical.
- × †The Botanist's Calendar and Pocket Flora. Lond. 1797. 2 vols. 8°.
- × SYMONS (J.). *Synopsis pl. insulis britannicis* . . . Lond. 1798. 8°.
- × *SMITH (J. E.). *Flora britannica*. Lond. 1800-4. 3 vols. 8°.

Republished with notes throughout by Roemer at Zuerich, 1804-5.
Many of the notes give additional English stations, chiefly on the authority of L. W. Dillwyn.
- × SALISBURY (R. A.). *The Generic Characters in English Botany collated with those of Linné*. Lond. 1806. 8°.

A vigorous onslaught upon Smith's descriptions in English Botany, which was then in course of issue.
- × HULL (J.). *The British Flora* . . . Manchester, 1799. 8°. Ed. 2. 1808.
- × †FREEMAN (S., & C.), & J. S. SHAW. *Select specimens of British Plants*. Lond. 1797-1809. fol.
- × †PHELPS (W.). *Calendarium botanicum*. Lond. 1810. 8°.
- × THORNTON (R. J.). *British Flora* . . . Lond. 1812. 5 vols. 8°.
- × †Botanical Illustrations . . . English Plants. Lond. 1813. 32°.
- × *SOWERBY (J.). *English Botany* . . . Lond. 1790-1814. 36 vols. 8°.

Text by Sir J. E. Smith, who withheld his name till the completion of vol. iv.; nevertheless he was very much annoyed by "Sowerby's Botany" being "flippantly quoted." Most of the original drawings and specimens are in the Botanical Department of the British Museum. Ed. 2. see page 235; Ed. 3. see page 237.
- × SALISBURY (W.). *Botanist's Companion* . . . Lond. 1816. 2 vols. 8°.
- × †WALFORD (T.). *Scientific Tourist*. Lond. 1818. 2 vols. 12°.

Enumerates the rare plants of each county.
- × GALPINE (J.). *Synoptical Compend*. . . . Salisbury, 1806. 8°. Ed. 2. [=3.] Lond. 1820.

× †The British Botanist. Lond. 1820. 8°.

× *GRAY (S. F.). Natural Arrangement of British Plants. Lond. 1821. 2 vols. 8°.

The "synoptical" portion of this work was written by J. E. Gray, the author's son, see Journal of Botany, 1875, p. 127. The book appeared before its time, during the ascendancy of Smith, so that its merits have been overlooked until comparatively recent times.

× †Botanical Sketches . . . 50 sp. English Plants. Lond. 1825. 8°.

Suggested by Botanical Illustrations, see last page, and intended as a sequel.

× SMITH (J. E.). Compendium Fl. Brit. Lond. 1800. 8°. Ed. 2. 1828.

A German edition, Erlangae, 1801.

× †G[RAHAM], (R.). Characters of Genera, extracted from the British Flora of W. J. Hooker. Edinb. 1830. 8°.

× SWEET (R.), & H. WEDDELL. British Botany. Lond. 1831.

No. 1. all published?

× BANKS (G.). Introduction to English Botany. Lond. 1823. 8°. Ed. 2. Lond. 1832. 8°.

× *WITHERING (W.). Botanical Arrangement . . . Birmingham, 1776. 2 vols. 8°. Ed. 2. (with references by J. Stokes), 1787-93. 3 vols. Ed. 3. 1796. 4 vols. Ed. 7. (by W. Withering, the younger), Edinb. 1830. 8°. (Eds. 8. to 14. see page 237.)

× †[DEAKIN (R.).] The Botanist's Manual; . . . British Flowering Plants & Ferns. Lond. [1836?]. 8°.

Names of plants and blanks to insert localities.

× *SMITH (J. E.). The English Flora. Lond. 1824-36. 5 vols. 8°.

Vols. i.—iv. were the final outcome of Smith's labours in British Botany, and were issued very shortly before his death. The Mosses in vol. v. were worked up by W. J. Hooker, and the Fungi, vol. v. part 2, by M. J. Berkeley.

× ——— Compendium of the English Flora. Lond. 1829. 12°. Ed. 2. by Hooker, 1836.

× MACREIGHT (D. C.). Manual of British Botany. Lond. 1837. 8°.

× †RATTRAY (J.). A Botanical Chart . . . Glasgow, [1835]. 8°. Ed. 2. [1838].

The dates from Pritzel, l. 8367. In the Catalogue of the British Museum the first edition is queried 1830.

× *CURTIS (J.). British Entomology. Lond. 1824-38. 16 vols. 8°.

Contains delicate drawings of the *tops* of British plants, rarely giving the lower leaves or habit of each plant, and thus making the plates of little use to botanists. Index of plants in each volume, and general Indexes in vol. xvi.

- ✕ *TWAMLEY (L. A.). Our Wild Flowers familiarly described and illustrated.. Lond. 1838. 8°.
- ✕ FRANCIS (G. W.). Little English Flora. Lond. 1839. 8°.
- ✕ RALFS (J.). British phaenogamous Plants and Ferns. Lond. 1839. 8°.
- ✕ †[FRANCIS (G. W.).] British plants. [Lond.] 1840. 8°.
 Portion of a work which probably was never published; the part I have seen consists of sheets B and C, pp. 1—16, tabb. i.—iv. (Bibl. Kew.)
- ✕ ——— British Flowering Plants and Ferns. Lond. 1835. fol.
 Ed. 5. 1840.
- ✕ †JACKSON (M. A.). Pictorial Flora; or British Botany delineated. Lond. 1840. 8°.
 This is named by Pritzel, in the preface to his Index Iconum, but omitted in his Thesaurus; the drawings are very small.
- ✕ †SOWERBY (C. E.). An illustrated Catalogue of British Plants . . . Lond. 1841. 12°.
 Six Nos. (Clematis to Sedum) were issued.
- ✕ LINDLEY (J.). Synopsis of the British Flora. Lond. 1829. 8°.
 Ed. 3. 1841.
 Arranged according to the Natural System, but without the slightest mention of Gray's Natural Arrangement, an earlier work of far greater merit. An edition was also announced in 1859 as "Ed. 3," which I have not been able to find.
- ✕ *HOOKER (W. J.). British Flora. Lond. 1830. 8°. Ed. 5. 1842.
 This last edition was altered to the Natural System without the slightest comment thereon. The subsequent editions were issued in conjunction with G. A. W. Arnott.
- ✕ *BAXTER (W.). Phaenogamous Botany. Oxford. Ed. 3. 1834—43.
 6 vols. 8°.
- ✕ LOUDON (J. W.), *née* WEBB. British Wild Flowers. Lond. 1845. 4°.
- ✕ †SOWERBY (J.). English Botany. Ed. 2. [1832—]46. 12 vols. 8°.
 Condensed descriptions. Vols. i.—ii. by J. de C. Sowerby, vols. iii.—xii. by C. Johnson; the work is arranged on the Linnean System.
- ✕ KNAPP (F. H.). Botanical chart of British flowering Plants and Ferns . . . Bath, 1846. 8°.
- ✕ STEELE (W. E.). Handbook of Field Botany . . . Dublin, 1847. 8°.
- ✕ †Specimen Flora; or, British Botany exemplified. Lond. 1847. 8°.
- ✕ †CATLOW (A.). Popular Field Botany. Lond. 1848. 16°.
- ✕ †TYAS (R.). Favourite Field Flowers described. Lond. 1848.
 Second Series. Lond. 1850. 12°.
- ✕ †GIRAUD (J. E.). Floral Months of England. Lond. 1851. 4°.
- ✕ †HOBLYN (R. D.). British Plants. Lond. 1851. 12°.

- ✕ †PRATT (A.). Wild flowers of the year. Lond. [1851?]. 12°.
- ✕ LEES (E.). Botanical Looker-out. Lond. 1842. 8°. Ed. 2. 1851.
- ✕ JOHNS (C. A.). Botanical Rambles. Lond. 1847-52. 12°.
In four parts, Winter, Spring, Summer, Autumn.
- ✕ †PRATT (A.). Wild Flowers. Lond. 1852. 2 vols. 16°.
Several subsequent issues.
- ✕ †First steps to the British Flora. Lond. [1855]. 16°.
- ✕ †[IRVINE (A.).] British Botany. Lond. [1855-6]. 8°.
Intended as a supplement to the Phytologist, New Series, vols. i. and ii.; but discontinued after p. 224.
- ✕ DEAKIN (R.). Florigraphia britannica . . . Lond. 1841-8. 4 vols. 8°.
Ed. 2. 1857.
R. Marnock was associated with vol. i. The work is illustrated by fairly characteristic woodcuts.
- ✕ †CHILDS (A. P.). The British Botanist's Field Book. Lond. 1857. 12°.
- ✕ IRVINE (A.). Illustrated Handbook of the British Plants. Lond. 1858. 8°.
- ✕ *HOOKER (W. J.), & G. A. W. ARNOTT. British Flora. Ed. 6. Lond. 1850. 8°. Ed. 8. 1860.
"Hooker and Arnott" was long the text-book of British field botanists.
- ✕ †TYAS (R.). Wild Flowers of England . . . Lond. 1859-60. 2 vols. 8°.
- ✕ †JOHNS (C. A.). Monthly Wild Flowers. Lond. 1860. 12°.
- ✕ †MILLER (T.). Common wayside Flowers . . . Lond. 1860. 4°.
Illustrations by Birket Foster.
- ✕ †LANKESTER [P.]. Wild Flowers worth notice. Lond. 1861. 8°.
- ✕ †Wild Flowers. Lond. 1861. 8°.
- ✕ †GRINDON (L. H.). Manual of British and Foreign Plants . . . Lond. 1861. 8°.
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× THRELKELD (C.). Synopsis stirpium hibernicarum. Dublin, 1727. 8°.

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× WADE (W.). Plantae rariores in Hibernia inventae . . . Dublin, 1804. 8°.

× †MACKAY (J. T.). A Systematic Catalogue of rare Plants found in Ireland . . . Dublin, 1806. 8°.

——— Plants found in Ireland . . . Dublin, 1825. 4°.

× †The Irish Flora . . . Dubl. 1833. 8°.

“Ascribed to Miss Baily (now Lady Kane); the localities having been contributed by Mr. John White.”—Moore & More, p. vii.

× *MACKAY (J. T.). Flora hibernica . . . Dublin, 1836. 8°.

× Irish Flora, Flowering Plants and Ferns. Lond. 1847. 12°.

I do not know if this is Ed. 1. of the last work but one.

× †DOWDEN (A.). Walks after Wild Flowers . . . Lond. 1852. 8°.

× MORE (A. G.). Recent additions to the Flora of Ireland. Dubl. 1872. 8°.

WHITE (J.). Indigenous Grasses of Ireland. Dublin, 1808. 8°.

†NEWMAN (E.). Notes on Irish Natural History, more especially Ferns. Lond. 1840. 8°.

†CARRINGTON (B.). Gleanings among the Irish Cryptogams. Lond. 1863. 8°.

TURNER (D.). Muscologiae hibernicae spicilegium. Yermuthi, 1804. 8°.

†MOORE (D.). The Mosses of Ireland. Dubl. 1873. 8°.

†LINDBERG (S. O.). Hepaticae in Hiberniae lectae . . . 1873. Helsingforsiae, 1875. 4°.

For additional local lists, see TRIMEN's Botanical Bibliography of the British Counties, in the Journal of Botany for 1874, pp. 66-73, 108-112, 155-158, 178-183, 233-238.

Aberdeen.

- × DICKIE (G.). Botanist's Guide to Aberdeen, Banff, and Kincardine. Aberdeen, 1860. 8°.
- × ——— Flora abredonensis. Aberdeen, 1838. 8°.
- ✓ MACGILLIVRAY (P. H.). Flowering Plants and Ferns . . . Aberdeen. Aberdeen, 1853. 8°.
- ✓ †SIM (J.). Botany of Scotston Moor . . . Aberdeen, 1868. 8°.

Aberystwith.

- × †MORGAN (T. O.). Flora Cereticeae superioris. Aberystwith, 1849. 8°.

Alnwick.

- ✓ †TATE (G.). The Geology, Botany, and Zoology . . . of Alnwick. Alnwick, 1869. 8°.

Andover.

- ✓ †CLARKE (C. B.). List of Plants of Andover. Calcutta, 1866. 8°.

Aran.

- ✓ †HART (H. C.). List of plants . . . Aran, Galway Bay. Dublin, 1875. 8°.

Banbury.

- × †BEESLEY (A.). History of Banbury. Lond. 1841. 8°.
T. Beesley, Botany of the neighbourhood of Banbury, pp. 571-599.
- × GULLIVER (G.). Catalogue of . . . Banbury Plants. Lond. 1841. 8°.

Bass Rock.

- ✓ BALFOUR (J. H.). Flora of the Bass Rock. Edinb. 1847. 8°.

Bath.

- ✓ BABINGTON (C. C.). Flora bathoniensis. Bath, 1834. 12°. Suppl. 1839.

Battersea.

- ✓ †PAMPLIN (W.). Rarer plants of Battersea and Clapham. Clapham, 1827. 8°.

Bedfordshire.

- ✓ ABBOT (C.). Flora bedfordiensis . . . Bedford, 1798. 8°.
- ✓ †HILLHOUSE (W.). Contrib. towards a new Flora of Bedfordshire. [Bedford, 1876.] fol.
- ✓ †——— Bedfordshire Plant List for 1876. [Bedford, 1877.] 8°.

Belfast.

- ✓ †TATE (R.). Flora belfastiensis. Belfast, 1863. 8°.

Berwick.

- ✓ THOMPSON (J. V.). Catalogue of Plants . . . Berwick-upon-Tweed.
Lond. 1807. 8°.
- ✓ *JOHNSTON (G.). Flora of Berwick-upon-Tweed. Edinb. 1829-31.
2 vols. 8°.

Braemar *see also* Deeside.

- ✓ †GARDINER (W.). Botanical Rambles in Braemar. Dundee, 1845. 12°.
- ✓ †CROMBIE (J. M.). Braemar, its . . . Nat. Hist. Aberdeen, 1861. 8°.

Brighton.

- ✓ †MERRIFIELD (M. P.). Nat. Hist of Brighton. Brighton, 1860. 8°.
Also with new title-page, 1864. The botanical portion is by
W. Mitten and A. Wallis.

Bristol.

- ✓ †SWETE (E. H.). Flora bristoliensis . . . Lond. 1854. 8°.

Buckinghamshire.

- ✓ †BRITTEN (J.). Flora of Buckinghamshire. Wycombe, 1867. 12°.

Cambridge.

- ✓ * [RAY (J.).] Catalogus plantarum circa Cantabrigiam nascentium
. . . Cantab. 1660. 8°. Appendix, 1685.
Some copies have two title-pages, the first having a grammatical
error.
- ✓ MARTYN (J.). Methodus plantarum circa Cantabrigiam nascentium.
Lond. 1727. 8°.
- ✓ LYONS (I.). Fasciculus plantarum circa Cantabrigiam. Lond.
1763. 8°.
- ✓ MARTYN (T.). Plantae cantabrigienses . . . Lond. 1763. 8°.
- ✓ RELHAN (R.). Flora cantabrigiensis . . . Cantab. 1785. 8°.
Supp. 1-3, 1786-93. Ed. 2. 1802. Ed. 3. 1820.
- ✓ *BABINGTON (C. C.). Flora of Cambridgeshire. London, 1860.

Cheltenham.

- ✓ BUCKMAN (J.). Botanical guide to . . . Cheltenham. Cheltenham,
1844. 8°.

Cheshire.

- ✓ †WARREN (J. B. L.). Notes on . . . Cheshire Flora. Lond. 1873. 8°.
Privately printed.

Clydesdale.

- ✓ †HENNEDY (R.). The Clydesdale Flora. Glasgow, 1865. 8°. Ed. 4.
1878.

- × †A Contribution towards a . . . Flora of Clydesdale and the West of Scotland. Glasgow, 1876. 8°.

The botanical portion by R. McKay, J. Stirton, R. H. Paterson and J. A. Mahoney.

- × †Notes on the . . . Flora of the W. of Scotland. Glasgow, 1876. 8°.

Botany by J. Ramsay and J. Stirton. This and the preceding were compiled for the Glasgow Meeting of the British Association.

Cork.

- POWER (T.). Botanist's Guide for the County of Cork . . . Lond. 1845. 8°.

Forms part of Contributions towards a Fauna and Flora of the County of Cork.

Cornwall, *see* Devon.

Craven.

- × †WINDSOR (J.). Flora cravoniensis . . . Manchester, 1873. 8°.
Privately printed.

Cumberland.

- × †WINCH (N. J.). Remarks on the Flora of Cumberland. Newcastle, [1825]. 8°.

Criticisms on the List by W. Richardson, given in W. Hutchinson's History of Cumberland (Carlisle, 1794), and adopted by Turner and Dillwyn in the Botanist's Guide.

- × ——— Contributions to the Flora of Cumberland . . . Newcastle, 1833. 4°.

Deeside.

- × †MACGILLIVRAY (W.). Nat. Hist. of Deeside and Braemar. Lond. 1855. 8°.

Botanical portion by several hands; privately printed by command of the Queen, who purchased the MS. at the author's death.

Derbyshire.

- × †LEIGH (C.). Nat. Hist. of . . . the Peak. Oxford, 1700. fol.
†SMITH (G.). Ferns of Derbyshire. Lond. 1878. 8°.

Illustrated.

Devon.

- × JONES (J. P.). Botanical tour through . . . Devon and Cornwall. Exeter, 1820. 12°.

- * ———, and J. F. KINGSTON. Flora Devonensis. Lond. 1829. 8°.

- × †RAVENSHAW (T. F.). New List of the Flowering Plants and Ferns of Devon. Ilfracombe, 1860. 8°.

- *†KEYS (I. W. N.). Flora of Devon and Cornwall. Plymouth, 1865-71. 8°.

First appeared in Trans. Plymouth Institution, etc., 1865-6.

- †BRITTEN (J.). Botany of Devonshire. Sheffield, 1878. 8°.

A list reprinted from W. White's County Directory.

CHANTER (C.). Ferny combes. Ed. 2. Lond. 1856. 8°.

- †BRENT (F.), & E. M. HOLMES. Mosses of Devon and Cornwall. Plymouth, [1871]. 8°.

Privately printed.

- †HOLMES (E. M.). Scale Mosses, Liverworts and Lichens of Devon and Cornwall. Plymouth, 1865. 8°.

- †BELLAMY (J. C.). Nat. Hist. South Devon. Lond. 1840. 8°.

- †D'URBAN (W. S. M.). Nat. Hist. . . . South Devon. Exeter, 1876. 8°.

- †EDWARDS (Z. J.). Ferns of the Axe . . . Chard, 1861. 8°.

- †HALLE (H. F.). Letters . . . botanical . . . Vale of Teign. Lond. 1851. 8°.

The author speaks of "Littlefrogians" when he means Ranunculaceae.

Dorsetshire.

- PULTENEY (R.). Catalogues of . . . rare Plants of Dorsetshire. Lond. 1799. fol. Ed. 2. with additions, 1813.

- *†MANSEL-PLEYDELL (J. C.). Flora of Dorsetshire. Lond. 1874. 8°.

Dover.

- [PALEY (F. A.).] Wild flowers of Dover. Dover, [1850?]. 16°.

Dublin.

- NICHOLSON (H.). Methodus pl. . . . dublinensis. Dublin, 1712. 4°.

- WADE (W.). Cat. pl. . . . in comitatu dublinensi. Dubl. 1794. 8°.

Part 1 only issued.

- †MACALISTER (A.), & W. R. McNAB. Guide to the County of Dublin. Dublin, 1878. 8°.

Flora, pp. 112-219; issued for the British Association Meeting.

Durham, *see* Northumberland.

Eastbourne.

- †ROPER (F. C. S.). Suppl. to the . . . Flora of Eastbourne. [Eastbourne,] 1873. 8°.

Privately printed. The Flora in question was issued in the Proceedings of the Eastbourne Natural History Society.

- †——— Flora of Eastbourne. Lond. 1875. 8°.

Edinburgh.

†STEWART (J.). Hortus cryptogamicus edinensis . . . (Ser. 1. No. 1).
Edinb. 1819. 8°.

× GREVILLE (R. K.). Flora edinensis. Edinb. 1824. 8°.

× WOODFORDE (J.). Indigenous Phaenogamic Plants . . . of Edinburgh.
Edinb. 1824. 12°.

Contains a few Cryptogams.

× BALFOUR (J. H.), & J. SADLER. Flora of Edinburgh. Edinb.
1863. 8°.

An inadequate book.

Egham.

× †WHALE (W.). Egham Wild Flowers. Egham, [1875?]. 12°.

Essex.

× *GIBSON (G. S.). Flora of Essex. Lond. 1862. 8°.

Exeter.

†D'URBAN (W. S. M.). Nat. Hist. of the neighbourhood of Exeter.
Exeter, [1876]. 12°.

The Handbook of Exeter . . . Botany, pp. xviii-xxv.

Falmouth.

†BASTIAN (H. C.). Flora of Falmouth . . . [Falmouth? 1850?] 8°.

Faversham.

× *JACOB (E.). Plantae favershamienses. Lond. 1777. 8°.

Folkestone.

†ULLYETT (H.). The neighbourhood of Folkestone. Folkestone,
1870. 8°.

Forfarshire.

× *GARDINER (W.). Flora of Forfarshire. Lond. 1848. 8°.

Glasgow.

× HOPKIRK (T.). Flora glottiana. Glasgow, 1813. 8°.

Gloucestershire.

†BOULGER (G. S.). Notes preliminary to a proposed Flora of
Gloucestershire. [Gloucester, 1877.] 8°.

†—— Report of Progress . . . [Gloucester, 1878.] 8°.

Guernsey.

× BABINGTON (C. C.). Primitiae florae sarnicae . . . London, 1839. 8°.

Halifax.

*BOLTON (J.). History of Funguses about Halifax. Halifax, 1788-91. 4°.

Germ. transl. Berlin, 1795-1820. 8°.

Hants.

†BRITTEN (J.). Botany of Hampshire. Sheffield, 1877. 8°.

A list reprinted from W. White's Directory of the County.

†TOWNSEND (F.). Notes on the Flora of Hampshire. [Lond. 1879.] 8°.
Privately printed.

†WISE (J. R.). The New Forest . . . Lond. 1863. 4°. Ed. 4. 1880. 8°.

Appendix 2. Flowering Plants, pp. 288-306.

Hampstead.

A JOHNSON (T.). Ericetum hamstedianum. Lond. 1629. 4°.

The earliest English local Flora; reprinted with the other works of the author in 1847.

——— Enumeratio pl. . . . Lond. 1632. 8°.

Forms pp. 39-45 of the Descr. itineris . . . cantianum; see Kent, page 254.

Harefield.

BLACKSTONE (J.). Fasciculus pl. circa Harefield sponte nascentium. Lond. 1737. 12°.

Harrow.

†MELVILL (J. C.). Flora of Harrow. Lond. 1864. 8°. Ed. 2. (by W. M. Hind), 1876.

Harting.

†GORDON (H. D.). History of Harting. Lond. 1877. 8°.

Flora, by J. Weaver, pp. 459-489.

Hebrides.

BALFOUR (J. H.), & C. C. BABINGTON. Vegetation of the outer Hebrides. Edinb. 1841. 8°.

Herefordshire.

†PURCHAS (W. H.). Flora of Herefordshire (Pt. 1). Hereford, 1867. 8°.

Herts.

†WEBB (R. H.), & W. H. COLEMAN. Report on the Progress made . . . Flora hertfordiensis. [Hertford, 1843.] 12°.

*†——— Flora hertfordiensis . . . Lond. 1849. 8°. Supps. 1851-9.

Hitcham.

- †HENSLOW (J. S.). British Plants . . . parish of Hitcham. Ipswich, [1855]. fol.

High Wycombe.

- †BRITTEN (J.). Flora of High Wycombe. High Wycombe, 1875. 8°. Forms pp. 137-142 of the Local Guide and Directory for the town.

Huddersfield.

- †HOBKIRK (C. P.). Huddersfield, its History and Natural History. Lond. 1859. 8°. Ed. 2. Huddersfield, 1868.

Hull.

- †NORMAN (G.). Diatoms occurring in the neighbourhood of Hull. Hull, 1859. 8°. Ed. 2. 1865.

Inish-Bofin.

- †MORE (A. G.). Report . . . Flora of Inish-Bofin. Dubl. 1876. 8°.

Inverness-shire.

- †SADLER (J.). Botanical Trip to Ben Nevis. Lond. [1877]. 12°.

Isle of Wight.

- †[SNOOKE (W. D.).] Flora vectiana. Lond. 1823. 8°.
 †BROMFIELD (W. A.). List of Plants likely to be found wild in the Isle of Wight. Ryde, 1840. 12°.
 †MARTIN (G. A.). Undercliff of the Isle of Wight. Lond. 1849. 8°. The Botanical portion chiefly by W. A. Bromfield.
 †[BROMFIELD (W. A.).] Botanico-Topographical Map of the Isle of Wight. Lond. 1850.
 *——— Flora vectensis. Lond. 1856. 8°. Completed after the author's death by T. B. Salter and others.
 †MORE (A. G.). Suppl. to Flora vectensis. Lond. 1871. 8°.

Kent.

- JOHNSON (T.). Iter . . . in agrum cantianum . . . Lond. 1629. 4°.
 ——— Descriptio . . . in agrum cantianum . . . Lond. 1632. 8°.
 *COWELL (M. H.). Floral Guide for East Kent, etc. Faversham, 1839. 8°.
 *SMITH (G. E.). Catalogue of rare . . . plants . . . in South Kent . . . Lond. 1829. 8°.
 †[CURREY (F.).] On the Botany of the District . . . Lond. 1858. 8°. The boundaries were the Rivers Cray, Ravensbourne and Thames, in Kent; issued as a first Report of the Botanical Committee of the Greenwich Natural History Club.

Kilkee.

- * †W[ARD] (N. B.). Aspects of Nature. Clapham, [1864]. 8°.
Vegetation of Kilkee, County Clare, Ireland.

Lanarkshire.

- * †PATRICK (W.). Plants of Lanarkshire. Edinb. 1831. 12°.

Leicestershire.

- * PULTENEY (R.). Catalogue of rare plants . . . of Leicester . . .
Lond. 1790. fol.

From Nichols's History of Leicestershire.

- †KIRBY (M.). Flora of Leicestershire . . . Leicester, 1848. 8°.
[Ed. 2.] Lond. 1850.

- †COLEMAN (W. H.). Botany of Leicestershire and Rutlandshire.
Sheffield, 1876. 8°.

Revised by J. Britten; reprinted from White's Directory of the
Counties.

- †POTTER (T. R.). Charnwood Forest . . . Lond. 1842. 4°.

Flora, pp. 35-62, by A. Bloxam, assisted by C. C. Babington.

- †BAKER (J. G.). Physical History of the Vale of Mowbray. Ripon,
1858. 8°.

Privately printed.

Lincolnshire.

- †BRITTEN (J.). List of Lincolnshire Plants. [Sheffield, 1872.] 8°.
Reprinted from White's Directory of the County.

Liverpool.

- HALL (J. B.). Flora of Liverpool. Lond. [1839]. 12°.

- †DICKINSON (J.). Flora of Liverpool. Liverpool, 1851. 8°.
Supp. 1855. (Musci and Hepaticae by F. P. Marrat.)

- †Liverpool Flora. List by L. Naturalists' Field Club. Liverpool,
1872-6. 8°.

Lizard Point.

- * †JOHNS (C. A.). A week at the Lizard. Lond. 1848. 16°.

Llandudno.

- †[INCHBALD (P.).] Llandudno Botany. Llandudno, [1864]. 12°.

London.

- †PETIVER (J.). Botanicum londinense . . . Lond. 1709? 4°.

This was a reprint from Memoires for the Curious; I have only
seen the scraps of it in Petiver's Herbarium, and it was not included
in the reprints of that author's works in 1764 or 1767.

- x [CURTIS (W.).] Plants . . . wild in the environs of London.
 [Lond.] 1774. 8°.
- * ——— Flora londinensis. Lond. 1777–87. fol.
 A splendid work; the outline and colouring of the plants leave
 nothing to be desired, and the descriptions are equally good.
- x ——— Abridgment of the Flora londinensis. [Lond.] 1792. 8°.
- . MILNE (C.), & A. GORDON. Indigenous Botany . . . Vol. i. Lond.
 1793. 8°.
- No more issued.
- [COCKFIELD (J.).] Catalogue of scarce plants . . . London. Lond.
 1813. 12°.
- * CURTIS (W.). Flora londinensis. (New ed. by G. Graves and
 W. J. Hooker.) Lond. 1817–28. 5 vols. fol.
- x COOPER (D.). Flora metropolitana. Lond. 1836. 8°. Suppl. 1837.
 Lists of plants found in certain localities.
- x IRVINE (A.). London Flora. Lond. 1838. 8°.
- The Index contains much information not usually sought for there.
- x † DE CRESPIGNY (E. C.). A New London Flora. Lond. 1877. 8°.
- The author might have compiled a much better book than this,
 had he chosen to avail himself of materials within easy reach.
- x † WARREN (J. L.). Flora of Hyde Park and Kensington Gardens.
 Lond. 1871. 8°.

Malvern, see Worcestershire.

Manchester.

- x WOOD (J. B.). Flora mancuniensis. Halifax, 1840. 8°.
- x † BUXTON (R.). Bot. Guide to Manchester. Lond. 1849. 12°.
- Ed. 2. 1859. 8°.
- * † GRINDON (L. H.). Manchester Flora. Lond. 1859. 8°.
- † ——— Manchester . . . Walks and Wild Flowers. Lond. [1859]. 8°.
- † ——— Summer Rambles in Cheshire, Derbyshire, Lancashire, and
 Yorkshire. (Sequel to above.) Manch. 1866. 8°.

Market Bosworth.

- x † POWER (J.). Calendar of Flora at Market Bosworth. Hinckley,
 1807. 4°.

Marlborough.

- x † PRESTON (T. A.). Flora of Marlborough. Lond. 1863. 8°. Ed. 2.
 Marlborough, 1870–6.

Descriptive, special attention being paid to the dates of
 flowering of the plants of the district. “— from an accidental
 omission, very few entire copies [of Ed. 2.] are in existence.”

Matlock.

- ✧ †ADAM (W.). The Gem of the Peak. Lond. [1838]. 8°.
 Botany of the High and Low Peak, pp. 248-252.

Middlesex.

- ✧ *TRIMEN (H.), & W. T. T. DYER. Flora of Middlesex . . . Lond.
 1868. 8°.

Moffat.

- †O. [*i.e.* J. MOFFATT.]. The Ferns of Moffat: a collection of the
 Ferns found in the neighbourhood of Moffat, with popular
 descriptions and localities of all the known species. Moffat,
 1863. fol.

Lanark.

- ✧ †PATRICK (W.). A popular description of the indigenous plants of
 Lanarkshire . . . Edinb. 1831. 12°.

Moray.

- ✧ [GORDON (G.).] Collectanea for a Flora of Moray . . . Lond. 1839. 8°.

New Forest, *see* Hants.**Newbury.**

- ✧ †[RUSSELL (A.).] Catalogue of Plants . . . Newbury, 1839. 8°.
 For observations on this list, *see* Phytologist, iii. 716.

Norfolk.

- ✧ TRIMMER (K.). Flora of Norfolk. Norwich, 1866. 12°.

Northamptonshire.

- ✧ MORTON (J.). Nat. Hist. of Northamptonshire . . . Lond. 1712. fol.
 Of the Plants, pp. 360-407.

Northumberland.

- ✧ †WALLIS (J.). Natural History of Northumberland. Lond. 1769.
 2 vols. 4°.

The botanical portion is in vol. i.

- ✧ *†[WINCH (N. J.), J. THORNHILL, & R. WAUGH.] Botanist's guide
 through . . . Northumberland and Durham. Vol. i. Newcastle,
 1805. 8°. Vol. ii. Gateshead, 1807.

- ✧ ——— Flora of Northumberland and Durham. Newcastle, 1831. 4°.
 Addenda, 1836.

- ✧ *†BAKER (J. G.), & G. R. TATE. New Flora of Northumberland and
 Durham. Lond. 1868. 8°.

Forms vol. ii. of the Nat. Hist. Trans. of Northumb. and Durham.

Nottinghamshire.

- ✧ DEERING (C.). Catalogus stirpium . . . Nottingham. Nottingham,
 1738. 8°.

- ✕ ORDOYNO (T.). *Flora nottinghamiensis*. Newark, 1807. 8°.
- ✕ HOWITT (G.). *Nottinghamshire Flora*. Lond. 1829. 8°.
- , & W. VALENTINE. *Muscologia nottinghamensis*. Nottingham, 1833. 8°.

Orkney.

- ✕ WALLACE (J.). *Description of the isles of Orkney*. Edinb. 1693. 8°.
- Contains a catalogue of the native plants.

Oxfordshire.

- ✕ †PLOT (R.). *Oxfordshire . . . Oxford*, 1677. fol. Ed. 2. 1705.
- Of Plants, pp. 147-178; some copies of ed. 1. are undated.
- ✕ SIBTHORP (J.). *Flora oxoniensis*. Oxonii, 1794. 8°.
- ✕ *WALKER (R.). *Flora of Oxfordshire and its contiguous counties . . . Oxford*, 1833. 8°.
- Contains also by C. G. B. Daubeney, *Proposed Index to Oxfordshire Flora*, which has been quoted as a separate work.
- ✕ †MASTERS (M. T.). *Flowering Plants and Ferns of Oxfordshire . . . Oxford*, 1857. 8°.

Perthshire.

- ✕ †[PAMPLIN (W.), & A. IRVINE.] *Botanical Tour in . . . Perthshire*. Lond. 1857. 8°.
- Published under the authors' initials.

Peterborough.

- ✕ †PALEY (F. A.). *List of 400 Wild Flowering Plants . . . of Peterborough*. Lond. 1860. 8°.
- Does not contain any Glumiferae or Trees.

Plymouth.

- ✕ BANKS (G.). *Plymouth and Devonport Flora*. Devonport, 1830-2. 8°.
- ✕ *†BRIGGS (T. R. A.). *Flora of Plymouth*. Lond. 1880. 8°.
- The sole blemish on this admirable local Flora is the incompleteness of the Indexes.

Poole.

- ✕ SALTER (T. B.). *Botany of Poole . . . Poole*, 1839. 8°.

Portshead.

- ✕ †DUCK (J. N.). *Natural History of Portshead*. Bristol, 1852. 12°.
- Botany, pp. 39-49; Botanical List, pp. 62-65.

Reigate.

- ✕ *LUXFORD (G.). *Flora of Reigate . . . Lond*. 1838. 8°.
- ✕ BREWER (J. A.). *New Flora of Reigate*. Lond. 1856. 8°.

Repton.

- †[WYATT (W.), & C. G. THORNTON.] *Flora repandunensis*. Derby, 1866. 8°.

Rugby.

- †CUMMING (L.), & H. W. TROTT. *Register of Plants* . . . Rugby, 1876. 8°.

Rutland, see Leicestershire.

Salisbury.

- ✧ SMITH (H.). *Flora sarisburiensis* . . . Salisb. 1817. 8°.
 †MATON (G.). *Natural History of* . . . Wilts . . . 10 miles round Salisbury. Lond. 1843. 8°.
 Posthumous.

Scarborough.

- †[TRAVIS (W.).] *Cat. pl. circa Scarborough* . . . [Scarb. ? 1800 ?] 4°.
 A single page. Dryander is responsible for the author's name, see Bibl. Banks, v. 69.

Settle.

- †CURTIS (W.). *Catalogue* . . . Settle. [Lond. 1782.] fol.
 Issued with his *Flora londinensis*.

Shetland.

- ✧ EDMONSTON (T.). *Flora of Shetland*. Aberdeen, 1845. 8°.

Shropshire.

- ✧ *LEIGHTON (W. A.). *Flora of Shropshire*. Shrewsbury, 1841. 8°.
 †PHILLIPS (W.). *Filices, Lycopodiaceae* . . . of Shropshire. Shrewsbury, 1877. 8°.
 Privately printed.
 †——— *Guide to the Botany* . . . of Shrewsbury. Shrewsbury, 1878. 8°.
 †ANSLOW (R.). *The Study of Mosses* . . . of the Wrekin. Wellington, 1868. 8°.

Sidmouth.

- ✧ CULLEN (W. H.). *Flora sidostiensis* . . . Sidmouth, 1849. 8°.

Southport.

- †GLAZEBROOKE (T. K.). *Guide to Southport*. Lond. 1826. 8°.

Staffordshire.

- ✧ †PLOT (R.). *Nat. Hist. of Staffordshire*. Oxford, 1686. fol.
 Of Plants, pp. 199-227.

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- ✧ †DEAKIN (R.). Flowering Plants of Tunbridge Wells. Tun. Wells, 187[0-]1. 8°. Ed. 2? 1876.

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- ✧ †**[Forster (E.).]** Additions to Warner's Plantae woodfordienses. [Lond. ?] 1784. 12°.

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| Vol. i. | 1855. | Contains no Botany. |
| „ ii. | „ | 41st Parallel, under E. G. Beckwith.
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| „ „ | „ | 38th & 39th Parallel, under J. W. Gunnison.
By Torrey & Gray, pp. 115-132, tt. 1-10. |
| „ „ | „ | 32nd Parallel, under J. Pope.
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| „ iii. | 1856. | No Botany. |
| „ iv. | „ | 36th Parallel, under A. W. Whipple.
No. 1. J. M. Bigelow, General desc. of the
country, pp. 1-16.
„ 2. ——— Desc. Forest Trees, pp. 17-
26, with plan.
„ 3. G. Engelmann & J. M. Bigelow,
Cactaceae, pp. 27-58, tt. 1-24.
„ 4. J. Torrey [& A. Gray], General
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tt. 1-25.
„ 5. W. S. Sullivant, Mosses and Liver-
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| „ v. | „ | 35th & 32nd Parallel, California, under R. S.
Williamson.
Plants, by J. Torrey, pp. 359-370, tt. 1-10.
Botanical report, by E. Durand & T. C.
Hilyard, pp. 3-15, tt. 1-18. |
| „ vi. | 1857. | California and Oregon, under R. S. Williamson.
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„ 2. Newberry, assisted by Torrey &
Gray, General Catalogue of the
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„ „ W. S. Sullivant, Mosses and Liver-
worts, pp. 93-94.
„ „ E. Tuckerman, Lichens, p. 94.
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| „ vii. | „ | 32nd Parallel and California, under J. G. Parke.
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tt. 1-7.
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„ 3. Cat. plants, Washington Territory, pp. 50-71, with two Algae by S. Ashmead.

Index, 4 pp., tt. 1-6.

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Appx., Botany by C. C. Parry, pp. 285-302; other botanical information in body of work, with four plates of plants.

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*†GOODALE (G. L.). Wild Flowers of America. Boston, 1877. 4°.→
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*†GRAY (A.). Synoptical Flora of North America. New York, 1878. 8°.→

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†ROBINSON (J.). *Ferns of North America*. Salem, 1873. 8°.

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*†EATON (D. C.). *Ferns of North America*. Salem, [1877–80]. 2 vols. 4°. Lond. [1878–]—→

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†——— & L. LESQUEREUX. *Musci boreali americani*. Columbi Ohioensium, 1856. 8°.

*†——— *Icones muscorum*. Cambr. U. S. 1864–74. 2 vols. 8°.

†——— *Icones muscorum*. New York, 1875. 8°.

Illustrations of Mosses peculiar to North America.

†RAU (A. E.), & A. B. HERVEY. *Cat. of North American Musci*. Taunton, 1880. 8°.

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*†FOURNIER (E.), W. NYLANDER, & E. BESCHERELLE. *Mexicanas
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Systema ou le Prodromus.* Genève, 1874. fol.

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*†GODMAN (F. D.), & O. SALVIN. *Biologia centrali-americana.*
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†LANGE (J.). *Hypopityeae . . . mexicanæ et centrali-americanæ . . . Hauniae*, 1868. 8°.

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†FOURNIER (E.). *Sur la distribution géographique des Graminées mexicaines*. Paris, 1880. 8°.

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†——— *Viaje à . . . Cacahuamilpa . . . y la flora de los estados de Morelos y Guerrero*. Mexico, 1874. 8°.

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HAMILTON (W.). *Prodromus plantarum Indiarum occidentalis*. Lond. 1825. 8°.

†DANIELL (W. F.). *Cascarilla plants of W. India and Bahama*. [Lond. 1872.] 8°.

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- *GRISEBACH (A. H. R.). *Flora of British West India Islands*.
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- *JACQUIN (N. J.). *Selectarum stirpium americanarum historia* . . .
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DESCOURTILZ (M. E.). *Flore médicale des Antilles* . . . Paris,
1821-9. 8 vols. 8°.

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Antilles françaises. Caen, 1869. 8°.

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Barbadoes.

- †LIGON (A.). *Barbadoes* . . . principal Trees and Plants . . .
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The plants are described, pp. 66-84, with curious engravings.

- HUGHES (G.). *Natural History of Barbados*. Lond. 1750. fol.
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- *MAYCOCK (J. D.). *Flora barbadensis* . . . Lond. 1830. 8°.

- †SCHOMBURGK (R. H.). *The History of Barbadoes* . . . Lond.
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Caribbean Islands.

- JACQUIN (N. J.). *Enumeratio systematica* . . . Caribaeis . . .
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- †LA SAGRA (R. de). *Histoire* . . . de l'île de Cuba . . Botanique,
pl. cellulaires, par C. Montagne, pl. vasc. par A. Richard.
Paris, 1838-42. 8°.

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- *†LA SAGRA (R. de). Flora cubana, ó descripción botánica, usos, y aplicaciones . . . de Cuba. Paris, 1853. 4 vols. fol.

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- *†—— Historia física . . . de Cuba. Madrid, 1849-61. 13 vols. fol. [Botany] vols. ix.-xii. 1845-55.

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- *†—— Icones pl. in Flora cubana desc. Paris, 1863. fol.

- *GRISEBACH (A. H. R.). Cat. pl. cubensium exhibens collectionem wrightianam . . . Lipsiae, 1866. 8°.

- †SAUVALLE (F. A.). Flora cubana. Havannae, 1873. 8°.

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- †MAZI (H.), & A. SCHRAMM. Essai de classification des algues de la Guadaloupe. Basseterre, 1865. 4°. Ed. 2. 1870-7. 8°.

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- SLOANE (H.). Catalogus plant. . . in Jamaica . . . Lond. 1696. 8°.

- *—— Voyage to the Islands Madera . . . and Jamaica. Lond. 1707-25. 2 vols. fol.

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- *BROWNE (P.). Nat. Hist. Jamaica. Lond. 1756. fol. Ed. 2. 1789. Plants, pp. 71-374, tt. 1-38.

- MACFADYEN (J.). Flora of Jamaica . . . Lond. 1837. 8°.

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- HEWARD (R.). Ferns from Jamaica. Lond. 1838. 8°.

- †MACFADYEN (J.). List of Plants growing in the plain of Liguanea, St. Andrews. [Kingston, 1830?] 12°.

§ 94. SOUTH AMERICA.

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ORBIGNY (S. d'). L'Amerique meridionale. Vol. vii. Paris, 1839-47. 4°.

Cryptogams by C. Montagne, Palms by Martius.

*MIERS (J.). Illustrations of South American plants. Lond. 1846-57. 4°.

*†—— Apocynaceae of South America. Lond. 1878. 4°.

TULASNE (L. R.). Legumineuses arborescentes de l'Amerique du sud. Paris, 1844. 4°.

HOOKE (W. J.). Plantae cryptogamicae . . . orbis novi aequinoctiali . . . Lond. 1816. 4°.

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*MITTEN (W.). Musci austro-americi. Lond. 1859. 8°.

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†CUNNINGHAM (R. O.). Nat. Hist. . . . Straits of Magellan . . . Edinb. 1871. 8°.

Atacama.

PHILIPPI (R. A.). Florula atacamensis . . . Halis, 1860. 4°.

Bolivia.

REMY (J.). Analecta boliviana . . . Paris, 1847. 8°.

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†MARTIUS (K. F. P. von). L. [*i.e.* 50] tabulae vegetationis in Brasilia physiognomiam illustrantes. [Lips. ?] 1856. fol.

†LIAIS (E.). Climat, géologie, faune et géographie botanique du Brésil . . . Paris, 1872. 8°.

Géographie botanique, pp. 557-636.

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†RADDI (G.). Di alcune specie nuove di rettilie piante Brasiliane. Modena, 1820. 4°.

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†ST.-HILAIRE (A. de). Aperçu d'un voyage dans l'intérieur du Brésil . . . Paris, 1823. 4°.

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*MARTIUS (C. F. P. von). *Nova genera et species plantarum* . .

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——— *Herbarium florae brasiliensis*. Monachii, 1837[-40]. 8°.

†GARDNER (G.). *Travels in . . . Brazil . . .* Lond. 1846. 8°.

ALLEMÃO (F. F.). *Plantas novas do Brasil*. Rio, 1867. 8°.

*MARTIUS (C. F. P. von). *Flora brasiliensis*. Stuttg. 1829-33. 8°.

†PINTO (A.). *Diccionario de botanica brasileira* . . . Rio, 1873. 8°.

*†MARTIUS (C. F. P. von). *Flora brasiliensis*. Lips. 1840. fol.→

A royal work, conducted afterwards by S. Endlicher, then by E. Fenzl, and now by A. W. Eichler. The authors of fasciculi i.-l. are given by Pritzel, *Thes.* 2. No. 5902 (see also 10603); fasc. li.-lxxxii. stand thus:—*Alsinaceae*, P. Rohrbach; *Amarantaceae*, M. Seubert; *Ampelideae*, J. G. Baker; *Anacardiaceae*, A. Engler; *Araceae*, Engler; *Aristolochiaceae*, M. T. Masters; *Bixaceae*, A. W. Eichler; *Burseraceae*, Engler; *Callitrichineae*, F. Hegelmaier; *Canellaceae*, Eichler; *Cistaceae*, Eichler; *Compositae*, Baker; *Connaraceae*, Baker; *Crassulaceae*, Eichler; *Cucurbitaceae*, A. Cogniaux; *Cunoniaceae*, Baker; *Cuscutaceae*, A. Progel; *Droseraceae*, Eichler; *Elatinaceae*, Rohrbach; *Equisetaceae*, J. Milde; *Erythroxylaceae*, J. Peyritsch; *Escalloniae*, Engler; *Euphorbiaceae*, J. Mueller; *Ficoidaceae*, Rohrbach; *Gramineae*, J. C. Doell; *Geraniaceae*, Progel; *Hederaceae*, E. Marchal; *Hippocrateaceae*, Peyritsch; *Humiriaceae*, I. Urban; *Hydroleaceae*, A. W. Bennett; *Hypericaceae*, H. G. Reichardt; *Icacineae*, Engler; *Irideae*, F. G. Klatt; *Leguminosae* (cont.), G. Bentham; *Lemnaceae*, Hegelmaier; *Lineae*, Urban; *Lobeliaceae*, A. Kanitz; *Lythraceae*, A. Koehne; *Marcgraviaceae*, L. Wittmack; *Meliaceae*, C. de Candolle; *Molluginaceae*, Rohrbach; *Nyctagineae*, J. A. Schmidt; *Nymphaeaceae*, R. Caspary; *Ochnaceae*, Engler; *Olacineae*, Engler; *Onagraceae*, M. Micheli; *Oxalideae*, Progel; *Passifloraceae*, Masters; *Pedalineae*, Bennett; *Phytolaccaceae*, Schmidt; *Plantagineae*, Schmidt; *Plumbagineae*, Schmidt; *Polygaleae*, Bennett; *Portulacaceae*, Rohrbach; *Rafflesiaceae*, H. Solms-Laubach; *Rhizophoraceae*, Engler; *Rutaceae*, Engler; *Sabiaceae*, Engler; *Sauvagesiaceae*, Eichler; *Silenaceae*, Rohrbach; *Simarubaceae*, Engler; *Trigoniacae*, E. Warming; *Tropaeolaceae*, Rohrbach; *Umbelliferae*, Urban; *Violaceae*, Eichler; *Vivianiaceae*, Progel; *Vochysiaceae*, Warming; *Zygophyllaceae*, Engler.

The English botanists who co-operated in fasc. i.-l. were J. G. Baker, G. Bentham, and J. D. Hooker.

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- †HOKK'JOO HOOKOKU. *Wehono-samagusa*. [Collection of wild plants.] *Oosaka*, [1808]. 11 vols. 8°.

- †HOT-EL. *Soo-Kwa-Sj'uu*. [Flowers for wreaths.] *Yedo*, 1810. 8°.
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Japanese Botany . . . Philad. [1858]. 8°.

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†MAXIMOWICZ (C. J.). *Diagnoses pl. nov. Japoniae et Mandshuriae*.
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- *——— *Plantae asiaticae rariores* . . . Lond. 1830-2. 3 vols. fol.
- *ROXBURGH (W.). *Flora indica* . . . Serampore, 1820-24. 2 vols. 8°.
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- *——— *Flora indica* . . . Serampore, 1832. 3 vols. 8°.
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- PIDDINGTON (H.). *English Index to the Plants of India.* Calcutta,
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Indiae orientalis . . . Vol. i. Lond. 1834. 8°.
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- †[JACOB (W.).] Id. 1869-70. Nagpore, 1870. fol.
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‡—— Id. 1864-5. Madras, 1865. fol.
App. B. Description and figure of *Dipterocarpus indicus*, Bedd.

‡—— Id. 1865-6. Madras, 1867. fol.
App. A. Figures of *Diospyros Ebenum*, Retz., *D. exculptum*, Ham., and *Shorea robusta*, Roxb.

‡—— Id. 1866-7. Madras, 1867. fol.
App. A. *Diospyros assimilis*, Bedd., and *Soymida febrifuga*, Juss.

‡—— Id. 1868-9. Madras, 1869. 4°.

‡—— Id. 1869-70. Madras, 1870. 4°.

‡—— Id. 1870-1. Madras, 1871. 4°.

‡—— Id. 1871-2. Madras, 1872. 4°.

‡—— Id. 1872-3. Madras, 1874. 4°.

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‡[WALKER (C. ?).] Id. 1874-5. Madras, 1876. 4°.

‡[BEDDOME (R. H.).] Id. 1875-6. Madras, 1877. fol.

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 †——— Id. 1868-9. Bombay, 1869. 8°.
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- ✕ †TRAUTVETTER (E. R. von). *Flora terrae Tschuktschorum*. Petrop. 1878. 8°.

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- \ †——— *Flora ussuriensis*. *S. Peterb.* 1862. 4°.

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- \ †OSBORNE (H. T.). *Plants of the Holy Land*. Philad. 1861. 8°.
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- Preface by Rev. H. B. Tristram, introduction by E. Atkinson.
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Fruehlingsflora. Wien, 1861. 4°.
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- \ †FERMIN (P.). *Histoire naturelle de la Hollande equinoxiale* . . .
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- †KUNZE (G.). Index filicum . . . in hortis europaeis cultarum . . . Halis, 1850. 8°.
- BAUMANN (A.). G. K. Index filicum . . . synonymis interpositis auct. cura A. Baumannii. Argent. 1853. 8°.
- HOGG (R.). The Gardeners' Year Book . . . Lond. 1860. 8°.
- Contains lists of plants figured each year; a similar list is published annually in the Gardeners' Chronicle.
-
- PAULLI (S.). Viridaria varia . . . Hafniae, 1653. 12°.
- Contains, amongst other things, a reprint of the Oxford Catalogue by Bobart, see page 415.

§ 105. GREAT BRITAIN AND IRELAND.

PHILLIPS (H.). *Flora historica*. Lond. 1824. 2 vols. 8°. Ed.
2. "Revised," 1829.

†ROSCOE (E.). *Floral Illustrations* . . . No. 1. Spring. Lond.
1829[-31]. 4°.

Six Nos. were apparently issued; I have not seen the work.

SOWERBY (J. E.). *Flora luxurians* . . . Lond. [1789-91]. fol.

Three numbers only. . . .

‡[MURRAY (C.).] *British Garden*. Bath, 1799. 2 vols. 8°.

‡MORIARTY (H. M.). *Viridarium: coloured plates of Greenhouse
Plants*. Lond. 1803. 8°.

‡*Hortus anglicus*. Lond. 1822. 2 vols. 8°.

PHILLIPS (H.). *Sylva florifera* . . . Lond. 1823. 2 vols. 8°.

MORRIS (R.). *Botanist's Manual* . . . Lond. 1824. 8°.

*SWEET (R.). *British Flower Garden*. Lond. 1823-29. 3 vols. 8°.
Second Series, Lond. 1831-8. 4 vols. 8°.

MORRIS (R.). *Flora conspicua* . . . Lond. 1830. 8°.

‡LINDLEY (J.). *Notices of certain ornamental Plants lately introduced
into England*. [Lond. 1832?] 4°.

SWEET (R.). *Hortus britannicus* . . . Lond. 1827. 8°. Ed. 3.
by G. Don, 1839.

*LOUDON (J. C.). *Hortus britannicus* . . . Lond. 1830. 8°. Ed.
3. 1839.

MAUND (B.). *The Botanist* . . . Lond. 1839. 8 vols. 4°.

——— *Botanic Garden* . . . Lond. 1825-42. 9 vols. 4°.

*LOUDON (J. C.). *Arboretum et fruticetum britannicum* . . . Lond.
1838. 8 vols. 8°.

A fine work; the bibliography, vol. i. pp. cxc.-ccxxvi., is very full.

——— *Encyclopaedia of trees and shrubs*. Lond. 1842. 8°.

The Arboretum, abridged.

‡MOTT (F. T.). *Flora odorata; a characteristic arrangement of the
sweet-scented Flowers and Shrubs cultivated* . . . Lond.
1843. 8°.

‡MAUND (B.). *Floral Register* . . . Lond. [1849?]. 2 vols. 4°.

HENDERSON (E. G. & A.). *Illustrated Bouquet*. Lond. 1857-64.
3 vols. fol.

LOWE (E. J.). *Beautiful leaved Plants*. Lond. 1864. 8°.

Translated into French, Paris, 1865.

- *LINDLEY (J.), & J. PAXTON. Flower Garden . . . Lond. 1851-3.
3 vols. 4°. Ed. [2. 1880].—→
Re-issue, by A. Murray, Nos. 1-7 [1873-4], discontinued after page 112. Ed. [2.] by T. Baines, is entirely re-cast, with coarse coloured figures, and must not be confounded with the earlier issues.
- †TYAS (R.). Flowers from foreign Lands. Lond. 1853. 8°.
- †THOMPSON (W.). English Flower Garden. Lond. 1855. 4°.
Three numbers only published.
- †ROBINSON (W.). Alpine Flowers . . . Lond. 1870. 8°. Ed. [2.] 1875.
- †—— The Wild Garden . . . Lond. 1870. 8°.
Contains, pp. 155-236, The Garden of British Wild Flowers.
- †—— The Sub-tropical Garden . . . Lond. 1871. 8°.
- †—— Cat. Hardy Perennials . . . incl. British flowering Plants and Ferns. Lond. 1871. 8°.
- †SUTHERLAND (W.). Hardy herbaceous and alpine Flowers. Lond. 1871. 8°.
- *†HEMSLEY (W. B.). Handbook of Hardy Trees . . . and herbaceous Plants. Lond. 1873. 8°.
Based on, Decaisne and Naudin, Manuel de l'amateur des jardins. Paris, 1862-6. 2 vols. 8°.
- †ROBINSON (W.). Hardy Flowers . . . Lond. 1871. 16°. Ed. 3. 1878.
- *†SEBOTH (J.). Alpine Plants painted from Nature. Lond. 1879-80. 2 vols. 16°.
Ed. by A. W. Bennett. For original German Ed. see page 229.
-
- †MONGREDIEN (A.). The Heatherside Manual of Hardy Trees and Shrubs . . . Lond. 1874. 8°.
- †Synopsis of Coniferous plants grown in Great Britain. Lond. 1850. 8°.
- †LAWSON (P.). List of Plants of the Fir tribe. Edinb. 1851. 4°.
- *—— Pinetum britannicum . . . Edinb. 1866. fol.—→
Edited by A. Murray; printed for private distribution, with 100 copies for sale. See Pritzel, Thes. Ed. 2. No. 5103.
- †GORDON (G.), & R. GLENDINNING. The Pinetum. Lond. 1858. 8°. Supp. 1862. Ed. 2. Index by H. G. Bohn, 1875. Ed. [3.] 1880.
- †SMITH [J.], & [T.] MOORE. An account of Exotic cultivated Ferns [Grammitis to Platyloma.] Lond. 1858. 8°.
Unpublished, ends at p. 56.
- HOOKE (W. J.). Garden Ferns. Lond. 1862. 8°.

‡BELLAIRES (N.). Hardy Ferns. Lond. 1865. 8°.

*‡SMITH (J.). Ferns, British and Foreign . . . Lond. 1866. 8°.
Ed. [2.] 1879.

‡MARTINS (C.). Les jardins botanique de l'Angleterre. Paris, 1868. 8°.

Arnold.

‡[STATHAM (S.).] Hortus arnoldiensis; or a Catalogue of Plants in the garden of Samuel Statham . . . Arnold, Nottinghamshire. Lond. 1806. 8°.

Bath.

‡HANHAM (F.). A Manual for the Park . . . Lond. 1857. 8°.
Descriptive of the Trees and Shrubs in the Royal Victoria Park.

Birmingham.

BRUNTON (J.). Catalogue . . . botanically arranged . . . Birmingham, 1777. 8°.
A trade list.

Brompton.

‡CURTIS (W.). Subscription Cat. of the Brompton Botanic Garden. [Lond. 1790-1801.] 8°.

‡[SALISBURY (W.).] Cat. of the Brompton Bot. Garden. (Pt. i.) Lond. 1803. 8°.

The author is given on the authority of Dryander, in the interleaved copy of his Catalogus in the Botanical Department, British Museum.

Bury St. Edmunds.

‡DENSON (J.). Cat. pl. Botanic Garden, Bury St. Edmunds. Bury, 1822. 8°.

Cambridge.

MARTYN (T.). Catalogus horti bot. cantab. Cantab. 1771. 8°.

——— Mantissa. Cantab. 1772. 8°.

‡[———] Horti bot. cantab. catalogus. Cantab. 1794. 8°.

DONN (J.). Hortus cantabrigiensis. Cantab. 1796. 8°.

Ed. 13. with additions by the successive Editors—Pursh, Lindley, Sinclair, and P. N. Don. Lond. 1845. 8°. Even in the last edition the Linnean arrangement was retained.

‡MURRAY (A.). Cat. Hardy Plants . . . Botanic Garden, Cambridge. Cambr. 1850. 8°.

Chapel Allerton.

- ***SALISBURY** (R. A.). *Prodromus stirpium in horto Chapel Allerton* . . .
Lond. 1796. 8°.

Descriptive, with new names to various plants, when the prevailing name offended the acute and fastidious author.

Chelsea.

- MILLER** (P.). *Catalogus plantarum* . . . horto bot. chelseyno . . .
Lond. 1730. 8°.
- †**RAND** (I.). *Index pl. officinalium* . . . in horto chelseiano . . .
Lond. 1730. 8°.
- †—— *Horti medici chelseiani index* . . . Lond. 1739. 8°.
- WHEELER** (J. L.). *Catalogus* . . . apud vicum Chelsea . . . Lond.
1830. 8°.
- †**HAYNES** (J.). *Bot. Garden at Chelsea*. Lond. 1751. fol.
This appears to be only a plan of the garden; I have not been
able to meet with it.
- FIELD** (H.). *Memoirs* . . . of the Botanick Garden at Chelsea.
Lond. 1820. 8°.
- *†—— *Id.* Ed. 2. by R. H. Semple. Lond. 1878. 8°.
Carefully brought down to recent date.

-
- KNIGHT** (J.). *Coniferous plants* . . . at . . . King's Road, Chelsea.
Lond. 1850. 8°.

Chiswick.

- †**LINDLEY** (J.). *Report* . . . new or rare Plants . . . Horticultural
Society, Chiswick. Lond. 1825-8. 4°.

Cirencester.

- †**BUCKMAN** (J.). *Report* . . . Botanic Garden . . . Royal Agric.
College, Cirencester. Lond. 1858. 8°.

Clapton.

- †**MACKAY** (J.). *Cat. pl.* . . . Upper Clapton. Ed. 1. Chelsea,
1828. 12°.

Dalbeth.

- †**[HOPKIRK (T.)]** *Catalogue of the Plants* . . . cult. in the gardens
Dalbeth, 1813. Glasgow, [1813?]. 12°.
Prefixed to this is a bastard title, *Cat. of the pl. transferred to the
Glasgow Botanic Garden, from Dalbeth in 1817, etc.*

Derby.

- LOUDON** (J. C.). *Derby Arboretum* . . . Lond. 1840. 8°.

Edinburgh.

- SUTHERLAND (J.). Hortus medicus edinburgensis . . . Edinb.
1683. 8°. [Ed. 2?] 1692.
- †PRESTON (G.). Cat. omnium pl., quas in seminario medicinae
dicato. Ed. 2. Edinb. 1716. 12°.
- ALSTON (C.). Index plantarum . . . in horto . . . edinburgensi
. . . Edinb. 1740. 8°.
- †Cat. arborum et fruticum in horto edinensi crescentium anno 1778.
Edinb. 1778. 8°.
- †Cat. pl. officinalium quae in horto edinensi seorsim servantur.
[Edinb. 1778?] 8°.
- †[BALFOUR (J. H.)?] List of medicinal and poisonous Plants.
Edinb. 1859. 8°.
- †—— Guide to the Royal Botanic Garden, Edinburgh. Edinb.
[1873]. 8°.

-
- †[LISTON (R.)?] List of plants cultivated . . . at Milburn Tower,
near Edinburgh, the seat of Sir R. Liston. Edinb. 1817. 8°.

Eltham.

- *DILLENIUS (J. J.). Hortus elthamensis . . . Lond. 1732. 2 vols.
fol. Plates only, Lugd. Bat. 1774.
The vigorous and truthful figures etched by the author.

Glasnevin.

- †[WADE (W.).] Cat. of Plants in the . . . Dublin Society's Botanic
Garden at Glasnevin. Dublin, 1802. 8°.
Also issued with vol. ii. pt. 2, Trans. Dubl. Soc.
- UNDERWOOD (J.). Cat. of Plants . . . at Glasnevin . . . Dubl.
1802. 8°.
- NIVEN (N.). Companion to the Botanic Garden, Glasnevin.
Dublin, 1838. 8°.
- †MOORE (D.). Handbook for the Botanic Gardens . . . Glasnevin.
Ed. 4. Dublin, 1865. 8°.

Glasgow.

- [HOOKER (W. J.).] Royal Botanic Garden of Glasgow. Glasgow,
1825. 8°.
- †[MURRAY (S.).] Companion to the Glasgow Botanic Garden. . . .
Lond. (& Glasgow), 1849. 8°.
- †KEDDIE (W.). Popular Guide to the Royal Botanic Garden of
Glasgow. Glasgow, 1861. 8°.

Hackbridge.

- †SMEE (A.). *My Garden.* Lond. 1872. 8°.
Ed. 2. same year.

Hackney.

- †LODDIGES (C.). *Catalogue of Plants and Seeds.* Lond. 1777. 8°.
Ed. 16. 1836.

Also a German ed., Lond. 1777. 8°. Contains references to the Botanical Cabinet.

——— *Orchideae in Collection of L. and Sons.* Lond. [1842]. 12°.

——— *Palms, etc., in the collection of C. L. and Sons.* Lond. 1845. 12°.

Ipswich.

- CORTE (W. B.). *Hortus botanicus gippovicensis.* Ipswich, 1796. 4°.

Kew.

HILL (J.). *Hortus kewensis* . . . Lond. 1768. 8°. Ed. 2. 1769.

†Description of the Garden . . . of Kew . . . Brentford, [178—]. 8°.

*AITON (W.). *Hortus kewensis.* London, 1789. 8°. Ed. 2.
by W. T. Aiton. 1810–13.

Much of the descriptive matter was contributed by J. Dryander as far as Dodecandria, and thenceforward by R. Brown, many of whose genera were published in it.

AITON (W. T.). *An Epitome of the . . . Hortus kewensis* . . . Lond. 1814. 8°.

*†BAUER (Fr.). *Delineations of exotic Plants . . . at Kew.* Lond. [1793–1801]. fol. (Dated on title, 1796.)

SCHEER (F.). *Kew and its Gardens.* Lond. 1840. 8°.

†SMITH (J.). *Ferns in Kew Gardens in 1845.* [Lond. 1846.] 8°.

HOOKE (W. J.). *Hardy herbaceous Plants at Kew.* Lond. 1853. 8°.

†NIVEN (J. C.). *Cat. hardy herbaceous Plants . . . Kew.* Lond. 1853. 8°.

†CHOISY (J.). *Une promenade au jardin royal de Kew.* [Paris? 1855?] 8°.

†SMITH (J.). *Cat. . . Ferns in the Royal Gardens of Kew.* [Lond. 1855?] 8°.

†[———]. *Cat. of certain succulent Plants . . . Kew.* [Lond. 1855?] 8°.

†[GOSSE (P. H.).] *Wanderings through the Kew Conservatories.* Lond. 1856. 12°.

†*Wonders in Flowers and Plants in Kew Gardens.* Lond. [1859]. 4°.

†BAKER (J. G.). Catalogue of Ferns and their allies cult. . . .
Kew. Lond. 1868. 8°.

HOOKEE (W. J.). Guide to the Gardens, Kew . . . Lond. 1847.
16°. Ed. 16. 1858. 8°.

Subsequent editions see next.

†OLIVER (D.). Guide to Kew Gardens. Ed. 17. Lond. 1861. 8°.
Ed. 28. 1878.

†——— Museums of Economic Botany, Kew. [Lond.] 1861. 8°.
Ed. 6. Kew, 1875.

With additions and corrections, by J. R. Jackson.

†[HOOKEE (J. D.).] Cat. of the Plants distributed at the Royal
Gardens, Kew . . . from the Herbaria of Griffith, Falconer,
and Helfer. Lond. 1865. 8°.

Privately printed as a distribution list.

[HOOKEE (W. J.).] Report on the Progress and Condition of the
Royal Gardens of Kew, from 1853 to 1859. Lond. 1859. fol.

First report more at large than the previous brief accounts with
the Estimates. Annually by the Director since then, in 8°.

Ladiston.

†[LYONS (J. C.).] Cat. of the Orchidaceous Plants at Ladiston.
[Dubl.] 1846. 12°.

†——— Remarks on the management of Orchidaceous Plants, with
a Cat. of those in the Collection of J. C. Lyons, Ladiston.
[Dubl. ?] 1843. 12°.

Liverpool.

†[ROSCOE (W.).] Cat. of Plants in the Botanic Garden at Liverpool.
Liverpool, 1808. 8°.

London.

—†Catalogus plantarum . . . quae in hortis non procul a Londino . . .
propagantur. Lond. 1730. fol.

By a Society of Gardeners, of whom P. Miller was one.

*L'HERITIER (C. L.). Sertum anglicum . . . Paris, 1788. fol.
Of plants in cultivation about London and at Kew.

*SALISBURY (R. A.). Paradisus londinensis . . . Lond. 1806-7.
2 vols. 4°.

The letterpress to plates 118-122 appeared, but not those plates
themselves.

SWEET (R.). Hortus suburbanus londinensis . . . Lond. 1818. 8°.

LOUDON (J. C.). Hortus lignosus londinensis . . . Lond. 1838. 8°.

CURTIS (W.). Cat. . . . London Botanical Garden. Lond. 1783. 8°.

This is a catalogue of the garden in Lambeth Marsh ; he afterwards removed to Brompton, see page 409.

*GERARD (J.). Catalogus . . . in horto Gerardi . . . Lond. 1596. 4°. Ed. 2. 1599. fol.

A reprint of both these Editions of the earliest published Garden Catalogue was issued by me (B.D.J.) in 1876.

WALLICH (N.). Dried Plants in the East India Company's Museum. Lond. 1828. fol.

The best set of plants now belongs to the Linnean Society, presented by the Hon. East India Company.

†SMITH (W.). List of British Diatomaceae in the British Museum. Lond. 1859. 8°.

†COOKE (M. C.). Report on the Gums, Resins . . . in the India Museum. Lond. 1875. 8°.

†VISIANT (R. de). Osser. sull' erbario di Linneo. Firenze, 1870. 8°.

†HOLMES (E. M.). Cat. . . . Collections in the Museum of the Pharmaceutical Society of Great Britain. Lond. 1878. 8°.

Materia medica, pp. 1-164.

†[QUEKETT (J.).] Cat. Fossil organic remains of Plants . . . Mus. Royal College of Surgeons. Lond. 1855. 4°.

PETIVER (J.). Musei petiveriani centuria i[-x] . . . Lond. 1695 [-1703]. 8°.

—— Gazophylacii naturae . . . decades x . . . Lond. 1702-9. 2 vols. fol.

—— Petiveriana, seu naturae collectanea iii. Lond. 1716-7. fol.

TRADESCANT (J.) [the younger]. Musaeum tradescantianum . . . Lond. 1656. 8°.

†GREW (W.). Musaeum regalis societatis . . . Lond. 1681. fol.

A collection of curiosities long since dispersed.

[DELANY (M.).] Catalogue of plants copyed from nature in paper mosaick . . . [Lond. ? 1778.] 8°.

†Account of Dr. Thornton's Exhibition of Botanical Paintings . . . with Poetic Compositions . . . Ed. 4. Lond. 1804. 8°.

The "poetic compositions" are mostly extracts from Darwin's Botanic Garden.

Manchester.

[HAMMOND (W.).] Orchidaceous Plants in the collection of the Rev. J. Clowes. Manchester, 1842. 8°.

†[GRINDON (L. H.).] The Fairfield Orchids . . . grown by J. Brooke and Co. . . . Manchester. Lond. 1872. 8°.

Mill Hill.

- DILLWYN (L. W.). Hortus collinsonianus. Swansea, 1843. 8°.
 "Not published." An account of the plants cultivated by P. Collinson, many of them then first introduced into this country.

Norfolk.

- GRIGOR (J.). Eastern Arboretum . . . Lond. 1841. 8°.
 An account of "remarkable Trees, Seats, Gardens, etc., in the county of Norfolk."

Orford.

- NEAL (A.). Cat. . . . Garden of J. Blackburne. Warrington, 1779. 8°.

Oxford.

- [BOBART (J.).] Catalogus . . . horti med. oxoniensis . . . Oxon. 1648. 8°. Ed. 2. by P. Stephens and W. Brown, 1658.
 In Ed. 2. references are given to pages of botanical writers; so great an innovation, that the compilers half apologized for it.
 †DAUBENY (C. G. B.). Memorials of Oxford [Botanic Garden]. [Oxford, 1836.] 8°.
 Issued as No. 39 of E. Ingram's Mem. of Oxford. Oxf. 1837. 3 vols.
 [—] Oxford Botanic Garden. Oxford, 1850. 12°. Ed. 2. 1853 (also dated 1863). 8°.

Paddington.

- SALISBURY (W.). Hortus paddingtonensis . . . J. Symmons, Esqre. Lond. 1797. 8°.

Southampton.

- †PAGE (W. B.). Prodomus . . . Southampton Botanic Gardens. Lond. 1818. 8°.

Upton.

- LETTSON (J. C.). Hortus uptonensis . . . [Lond. 1781.] 8°.
 An account of Dr. Fothergill's garden.

Woburn Abbey.

- [FORBES (J.).] Hortus woburnensis. Lond. 1838. 8°.
 [—] Hortus ericaceus woburnensis. Lond. 1825. 4°.
 SINCLAIR (G.). Hortus gramineus woburnensis . . . Lond. 1816. fol. Ed. 5. 1869. 8°.
 The first edition was illustrated with actual specimens, the subsequent ones by figures. There are two German translations.
 [FORBES (J.).] Pinetum woburnense. Lond. 1839. 8°.
 [—] Salicetum woburnense. Lond. 1829. 4°.

§ 106. AUSTRIA.

Buda-Pest.

- †LINZBAUER (F. X.). A magyar királyi pesti egyetem növény
kartének jelen állapota. Budán, 1866. 8°.

Cracow.

- †[SCHULTES (J. A.).] Cat. I. pl. horti bot. . . . cracoviensis anno.
[Cracow, 1807.] 12°.
CZERWIAKOWSKI (J. R.), & J. WARSZEWICZ. Catalogus . . . in
horto bot. cracoviensi Cracoviae, 1864. 8°.

Dublany.

- †TANGL (E.). Ind. sem. in horto bot. agronomico dublanyensi,
1875. [Dublany, 1876?] 8°.

Hlubosch.

- POHL (J. E.). Des F. von Hochberg botanischer Garten . . . Prag,
1812. 8°.

Innsbruck.

- KERNER (A. J.). Der botanische Garten zu Innsbruck. Innsbruck,
1863. 8°. Ed. 2. 1869.

Prague.

- MIKAN (J. G.). Cat. plantarum . . . hort. bot. pragensis. Pragae,
1776. 8°.
KOSTELEZKY (V. F.). Index . . . horti caesarei bot. pragensis. Prag,
1844. 8°.
NOWODSVORSKY (J.). Elenchus pl. . . . horto . . . de Canal.
Pragae, 1804. 8°.
TAUSCH (J. F.). Index pl. . . . J. Malabaila de Canal coluntur.
Pragae, 1821. 4°.
—— Hortus canalius . . . Pragae, 1823. fol.
Only two decades of vol. i. were published.

Salzburg.

- †RANFFTL (F. A.). Cat. horti bot. . . . salisburgensi . . . [Salis-
burgi, 1786?] 8°. Suppl. pro anno, 1786.
Given in Pritzel, Thes. 2. p. 454 only, by error as in England.

Schoenbruenn.

- *JACQUIN (N. J.). Plantarum . . . horti caesarei schoenbrunnensis
. . . Viennae, 1797-1804. 4 vols. fol.

Vienna.

- *†HARTINGER (A.). *Paradisus vindobonensis*, auswahl seltener und schoenbluehender Pflanzen der Wiener Gaerten . . . Wien, 1844-60. fol.

Ed. by S. Endlicher and B. Seemann; also with title-page in German and English, New York, same date, etc.

- *JACQUIN (N. J.). *Hortus botanicus Vindobonensis* . . . Vindob. 1770-6. 3 vols. fol.

- †[ENDLICHER (T.).] *Novarum stirpium decades x.* Mus. C. P. vind. Vindob. 1839. 8°.

- †Verzeichniss der Pflanzen . . . in dem Garten der K. K. Gartenbau-Gesellschaft in Wien. Wien, 1839-40. 8°.

- †FENZL (E.), & J. DIEFFENBACH. *Delectus seminum in horto bot. Univ. Vindob.* 1850. Vindob. 1851. 4°.

- †—— *Adversaria botanica.* Id.

- †—— *Delect. sem.* . . . 1851. Vindob. 1852. 4°.

- †FUCHS (J.). *Katalog der Hoelzer- Sammlung des allgemeinen oesterreichischen Apotheker-Vereins.* Wien, 1866. 8°.

§ 107. BELGIUM.

- †PIERPONT (J. de). *Traité des arbres . . . rustiques en Belgique.* Bruxelles, 1865. 8°.

Beernem.

- †SERRET (— de). *Cat. des arbres . . . cultivés à Beernem.* Ed. 2. Bruges, 1839.

Brussels.

- CROCQ (A. J.). *Tableau synoptique du jardin des plantes de Bruxelles . . . Bruxelles*, 1809. fol.

- †BOMMER (J. E.). *Notice sur le jardin botanique de Bruxelles.* Gand, 1871. 8°.

- †[——] *Petit guide du jardin botanique de Bruxelles.* Brux. 1877. 12°.

- †HEURCK (H. van). *Notions succinctes sur l'origine et l'emploi de drogues simples de toutes les regions du globe.* Cat. syst. . . musée bot. de l'auteur. Brux. 1876. 8°.

LINDEN (J.). Hortus lindenianus. Bruxelles, 1859-60. 8°.

PARMENTIER (A. A.). Catalogue des . . . plantes cultivés
. . . Bruxelles, 1818. 8°.

Ghent.

COURET-VILLENEUVE (L. P.). Hortus gandavensis . . . Gandavii,
[1802]. 12°.

MUSSCHE (J. H.). Hortus gandavensis . . . Gand. 1817. 8°.

HULLE (H. J. van). Jardin botanique de l'université de Gand.
Gand, 1871. 8°.

Hortus vanhoutteanus . . . Gand, 1845. 8°.

Liège.

GAEDE (H. M.). Index horti bot. leodensis. Leodii, 1828. 8°.

†[BRAUN (A.).] Notice sur le jardin botanique de Liège. [Liège,
1867.] 4°.

†MORREN (E.).] Cat. des Bromeliacées cult. au jardin botanique
. . . de Liège. Gand, 1873. 8°.

§ 108. FRANCE.

†TERNISIEN (T. de). Essai sur l'acclimatation de quelques fougères
et lycopodes exotiques. Cherb. [1860]. 8°.

†LAMBERTYE (L. de). Les plantes a feuilles ornemental en pleine
terre. Paris, 1866. 18°.

Alençon.

— †DUVAL (H. A.). Plantae succulentae in horto alenconio. Paris,
1819. 8°.

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†BESNOU (L.). Cat. rais. des pl. composant l'école botanique du
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Silesia.

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†GENNARI (P.). Guida dell' orto botanico . . . di Cagliari. Cagliari,
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†TERRACCIANO (N.). Cenno intorno al giard. bot. . . . in Caserta.
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MICHELÌ (P. A.). Catalogus plantarum horti caesarei florentini . . .
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1782. [Florent. 1782.] fol.

†[———] Id. 1783. [Florent. 1783.] 8°.

†[———] Id. 1784. [Florent. 1784.] 8°.

†[———] Id. Auctarium . 1793-5. [Florent. 1795.] 4°.

†[———] Id. 1797. [Florent. 1797.] 4°.

†[———] Auctarium, i. 1798. [Florent. 1798.] 4°.

Pritzel, Ed. 1. p. 382, gives the dates as "1782-1795," which statement is copied by Dr. Jessen in Ed. 2. p. 449; these lists are not enumerated in the alphabetical series. I have given the above from the Banksian Library.

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†——— Id. 1857. Florent. 1858. 4°.

†——— Id. 1866 . . . Firenze, [1867]. 8°.

†——— Id. 1867. Firenze, 1868. 8°.

†——— Id. 1868. Firenze, 1869. 8°.

†——— Id. 1869. [Florence, 1870.] 8°.

†[———] Id. 1871. [Florence, 1872.] 8°.

†——— Id. 1872. Firenze, 1873. 8°.

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†LUBBERS (—). Cat. des plantes rares garnissant les serres . . .
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†RICASOLI (V.). Cat. . . di piante coltivate nel giardino del
barone B. R. Firenze, 1874. 8°.

Genoa.

†[CESATI (V.), & J. DE NOTARIS.] Index seminum reg. horti bot.
genuensis. 1858. [Genoa, 1859?] 8°.

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Genuae, 1872. 8°.

†[VIVIANI (D.).] Elenchus pl. horti bot. . . . J. C. Dinegro.
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Mantua.

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 [CATTANEO (A.).] Cat. delle piante . . . del giardino Cattaneo . . .
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Padova, 1868. 8°.

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TITA (A.). Cat. pl. . . . Patavii . . . J. F. Mauroceni . . . Patav.
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UCRIA (B.). Hortus regius panormitanus . . . Panormi, 1789. 4°.
[TINEO (G.).] Index pl. horti bot. acad. reg. panormitanae . . .
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†TODARO (A.). Relazione sui cotonei coltivati nel real orto bot. di
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†[——] Index seminum horti bot. panormitani anno 1861.
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†—— Id. 1863. Panormi, 1864. 4°.

†—— Id. 1872. Panormi, 1873. 4°.

†—— Id. 1878. Panormi, 1879. 4°.

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†GASPARRINI (G.). Osserv. . . . alcune piante . . . nel real orto
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Pavia.

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†[BRUSATI (—.).] Cat. pl. horti regii bot. ticinensis, anno 1793.
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†CARUEL (T.). Guida dell' orto botanico pisano. Pisa, 1872. 8°.

†[——] L'orto e il museo botanico . . . di Pisa. Pisa, 1874. 8°.

†[——?] Catalogo dei semi dell' orto botanico pisano, 1873. [Pisa, 1873.] 8°.

Rome.

TRIONFETTI (G. B.). Syllabus pl. horto med. romano . . . Romae, 1688. 4°.

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†ALDINUS (T.). Descriptio rariorum pl. . . . in horto farnesiano. Romae, 1625. fol.

VALENTE (A.). Recensio pl. . . . horto F. Caetani . . . Romae, 1803. 8°.

Rivoli.

COLLA (A.). Hortus ripulensis . . . Aug. Taurin. 1824. 4°. Appendixes, 1825, 1827-8.

Saonara.

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†BORGATA (J.). Cat. omnium vegetabilium . . . quae in viridario saponariensi . . . excoluntur. Padova, 1868. 8°.

San Sebastiano.

SPIN (— de). Jardin de St.-Sébastien . . . Turin, 1809. [Ed. 3.] 1818. Supp. 1823.

Sienna.

†Catalogo dei semi dell' orto botanico della reale universita di Siena, 1872. [Siena, 1873.] 8°.

Turin.

†ALLIONI (C.). Auctarium ad Synopsim meth. stirp. horti reg. Taur. [Aug. Taur. 1762?] 4°.

‡[BALBIS (G. B.)?] Synopsis plantarum horti botanici taurinensis.
[Turin?], 1801. 8°.

—— Enum. plant. officin. horti bot. taurinensis. Taurini,
1805. 4°.

—— Horti academiae taurinensis stirpium minus cognitarum.
Taurini, 1810. 4°.

— ‡[BIROLI (J.).] Cat. stirpium . . . taurinensis, ad annum 1813.
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This title is taken from the Banksian copy, with MS. note of
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1815. 8°.

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Taur. 1821. 8°.

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Venice.

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ZANNICHELLI (G. J.). Enum. rerum naturalium . . . musaeo
zannichelliano . . . Venet. 1736. 4°.

Verona.

‡POLLINI (C.). Cat. pl. horti bot. veronensis. [Veronae, 1812.] 8°.

‡—— Cat. piante dell' orto bot. veronese. Verona, 1814. 8°.

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DEHNHARDT (F.). Cat. pl. horti camaldulensis. [Neapoli, 1829.] 4°.
Ed. 2. 1832. 4°.

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†COMMELIN (J.). *Nederlandtze Hesperides* . . . Amst. 1676. fol.
 Transl., *The Belgick or Netherlandish Hesperides, made English*
 by G. V. N. Lond. 1683. 8°.

BREYNE (J.). *Prod. fasc. rar. pl. in hortis Hollandiae observatarum.*
 Gedani, 1680. 4°. Fasc. 2. 1689. Ed. 2. by J. B. Breyne, 1789.

†EEDEN (F. W. van). *Hortus batavus.* Amst. 1868. 8°.
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†Vos (C. de). *Beredeneerd woordenboek der voornaamste heesters*
en coniferen in Nederland gekweekt. Groningen, 1867. 8°.

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CORNELIUS (H.). *Cat. pl. horti publici amstelodamensi.* Amst.
 1661. 8°.

*†COMMELIN (J.). *Horti med. amstelod.* . . . Amst. 1697–1701.
 2 vols. fol.
 †Pars altera, C. Commelin, 1701.

COMMELIN (C.). *Pl. usualium horti med. amst.* Amst. 1698. 8°.
 Ed. 3. 1724. 8°.

——— *Horti med. amst. rariores* . . . Lugd. Bat. 1706. 4°.
 Again in 1715.

Nine vols. of drawings, made under the care of Commelin, are pre-
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Thes. Ed. 2. No. 1829.

BURMAN (J.). *Horti medici amstelaedamensis.* Amst. 1775. 8°.

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Hortus amstelodamensis . . . Amst. 1848. fol.

MIQUEL (F. A. W.), & J. C. GROENEWEGEN. *Catalogus horti bot.*
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Groningen.

ROMAN (J. G.). *Catalogus* . . . horto acad. groningano . . .
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[DRIESSEN (P.).] *Index* . . . horto acad. groningano . . . Groningae,
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Haarlem.

KOKER (A.). *Horti med. harlemensis catalogus.* Harlemi, 1702. 8°.

Hague (The).

- SCHWENCKE (M. W.). Hort. Hagae Com. Hag. Com. 1752. 8°.
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By some attributed to S. H. van Beaumont himself.

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- WESTENBERG (E. W.). Viridarii acad. ducatus Gelriae . . .
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Hartecamp.

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 A sumptuous privately printed book, with good plates; specific
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 Museum, South Kensington.
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 SCHUYL (F.). Cat. pl. horti acad. Lugd. Bat. Lugd. Bat. 1668. 8°.
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 HAUGK (J.). Cat. pl. horti acad. Lugd. Bat. . . . Darmstadt,
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 HERMANN (P.). Horti acad. Lugd. Bat. catalogus. Lugd. Bat.
 1687. 8°.
 ————Paradisi batavi prodromus . . . Amst. 1689. 12°.
 Edited by W. Sherard.
 ————Florae lugduno-batavae flores . . . Lugd. Bat. 1690. 8°.
 Brought out by L. Zumbach.
 *———Paradisus batavus . . . Lugd. Bat. 1698. 4°.
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 GOTTSCHALCK (J.). Cat. pl. horti acad. Lugd. Bat. Plöen, 1697.
 8°. Ed. 2. 1704.

- †PETIVER (J.). Cat. of the more rare plants . . . physick garden at Leyden. Lond. [1711?]. 8°.
- BOERHAAVE (H.). Index plantarum . . . Lugd. Bat. Lugd. Bat. 1710. 8°.
- Index alter plantarum . . . Lugd. Bat. 1720. 4°. (Also in 1727.)
- ROYEN (A.). Florae leydensis prodromus . . . Lugd. Bat. 1740. 8°.
- SANDIFORT (G.). Elenchus pl. . . horto Lugd. Bat. . . . Lugd. Bat. 1822. 8°.
- BLUME (C. L.). Museum botanicum Lugd. Bat. Lugd. Bat. 1849–56. 8°.
- MIQUEL (F. A. G.). Annales musei bot. Lugd. Bat. Amst. 1863–9. 4 vols. fol.
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DENMARK.

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Lund.

ZETTERSTEDT (J. W.). Conspectus pl. in horto botanico . . . lundensis . . . Lundae, 1838. 8°.

Ulricsdal.

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Coimbra.

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- †SOUSA TELLES (J. J. de). Visitas ao horto-botanico da eschola
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†[REUTER (G. F.)?] Cat. des graines recueillies, 1854 [etc.] de
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—†ADAMSON (J.). Botanic Institution. Cape Town, [1848?]. 12°.
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—MACGIBBON (J.). Catalogue . . . Botanic Garden, Cape Town . . . Cape Town, 1858. 8°.

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†RAND (E. S.). Orchids . . . at Glen Ridge, near Boston. New York, 1876. 8°.

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†PECK (W. D.). Cat. of American and Foreign Plants cultivated in the Botanic Garden, Cambridge, Mass. Cambr. 1818. 8°.

Chester.

—†DARLINGTON (W.). Additions to the Chester County Cabinet of Nat. Science. West Chester, 1826. 8°.

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Chicago.

- †BABCOCK (H. H.). First annual Report. Chicago Botanic Garden.
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Elgin.

- HOSACK (D.). Hortus elginensis . . . New York, 1806. 8°.
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Salem.

- †DAVENPORT (G. E.). Cat. Davenport Herbarium of N. A. Ferns.
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- †RAFINESQUE (C. S.). First catalogues and circulars of the Botanic
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- DANCER (T.). Cat. . . . Botanical Garden. Jamaica, 1792. 4°.
BROUGHTON (A.). Catalogue of the more valuable and rare Plants
. . . Botanic Garden in the Mountains of Liguanea . . .
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St. Vincent.

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— †FORD (C.). Cat. Plants . . . Government Gardens, Hongkong. Hongkong, 1876. 8°.

INDIA.

— †JAMIESON (W.). Bot. Gardens . . . North-western Provinces of India. Roorkee, 1855. 4°.

†FALKE (T.). List of Trees and Plants growing in the Botanic Gardens at Dapoorree and Hewra, and . . . Parell. Bombay, 1862. 8°.

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†CAMERON (J.). Cat. of Plants in the Botanical Gardens, Bangalore, and its vicinity. Bangalore, 1880. 8°.

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†[GRIFFITH (W.).] Report on the Hon'ble Company's Botanic Gardens, Calcutta. Parts I., V., VI., VII. Calcutta, 1843. fol.

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†ANDERSON (T.). Cat. of Plants . . . cult. . . . Royal Botanic Gardens, Calcutta . . . Calcutta, 1865. 8°.

Madras.

†C[LEGHORN] (H.). Hortus madraspatensis. Cat. of Plants, indigenous and naturalised, in the Agri-Horticultural Society's Gardens, Madras. Madras, 1853. 8°.

†BROWN (R. W.). Handbook . . . Trees, Shrubs, and herbaceous Plants in gardens of Agri-Hortic. Society. Madras, 1862. 8°.

Poonah.

†WOODROW (G. M.). List of Drugs grown in the Bot. Gardens, Gunesh Khind, Poonah. Gunesh Khind, 1876. 8°.

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MACIVOR (W. G.). Report. Ootacamund, 1849. 8°.

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†Reports on the Royal Botanic Garden, Peradenia. Colombo, 1844.
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†TEJSMANN (J. E.). *Kruidkundige waarnetuingen* . . . Buitenzorg.
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†——— *Verslag* . . . van 'slands plantentuin te Buitenzorg, 1874.
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†[———] *Rapport sur l'état du jardin bot. de Buitenzorg* . . .
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Singapore.

†[MURTON (H. J.).] *Cat.* . . . Botanic Gardens, Singapore. Singa-
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†SCHOMBURGK (R.). *Cat. pl.* . . . Botanic Garden at Adelaide . . .
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*†Catalogue of Scientific Papers (1800-63). Lond. 1867-72. 6 vols.
4°. Supplement, 1864-73. Lond. 1877-9. 2 vols.

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†Catalogue of Publications of Societies. Washington, 1866. 8°.

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*†BEMMELN (J. A.). *Repertorium annuum literaturae botanicae
periodicae* . . . 1872-3. Harlemi, 1873-4. 8°.

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8°.—>

A critical account of botanical work done in each year, indispensable to every botanical writer; the indexes are copious.

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Paris, 1867. 8°.

†*Bulletin du congrès international de botanique* . . . de St.
Pétersbourg, 1869. St.-Pétersb. 1870. 8°.

†*Atti del congresso internazionale botanico*. Firenze, 1876. 8°.

Contains, F. Ungern-Sternberg, *Salicorniarum synopsis*, pp. 259-343, and T. de Heldreich, *Sertulum pl.* . . . *Florae hellenicae*, pp. 227-240.

†*Actes du congrès internat. de botanistes* . . . Amsterdam en 1877.
Leiden, 1879. 8°.

GREAT BRITAIN.

The following Schools have Natural History Societies, and publish reports : — CHELTENHAM, CLIFTON, DULWICH, HAILEYBURY, HARROW, HASTINGS, KING EDWARD'S (Birmingham), MARLBOROUGH, RUGBY, WELLINGTON, WINCHESTER, AND YORK.

Most of these reports contain local botanical information.

Berwick-upon-Tweed.

†The Berwickshire Naturalists' Club. History (Proceedings). Edinb. 1834, etc. 8°.—→

Birmingham.

†B. Natural History . . . Society. Proceedings. 1869, etc. 8°.—→

Brighton.

†B. and Sussex Natural History Society. Ann. Rep. and Abstracts of Proc., 1854, etc. [1855 ? etc.] 8°.—→

Bristol.

†B. Naturalists' Society. Proceedings. Lond. 1866–72. New Series, 1873, etc. 8°.—→

Bury (Lancashire).

†B. Natural History Society. Reports. 1872, etc. 8°.—→

The Report for 1872, pp. 14-23, has a list of local plants by R. H. Alcock.

Canterbury.

†East Kent Natural History Society. Reports. 1858, etc. 8°. & 12°.—→

Cardiff.

†C. Naturalists' Society. [Reports and] Trans. 1868, etc. 8°.—→

Chester.

†C. Soc. of Natural Science. Proc. (Nos. 1 & 2) 1874–8. 8°.

Devizes.

†Wiltshire Archaeological and Natural History Society. Magazine, 1853, etc. 8°.—→

See reference to this, at page 262.

Eastbourne.

†E. Natural History Society. Ann. Reports, 1869, etc. 8°.—→

†—— Papers, 1870, etc. 4°.—→

Exeter.

†E. Naturalists' Club. Reports, 1863-71. 8°.

Folkestone.

†F. Natural History Society. Ann. Reports, 1868, etc. 8°.—>

†—— Journal, 1868, etc. 8°.

Gloucester.

†Cotteswold Naturalists' Field Club. Proceedings, 1850, etc. 8°.—>

Greenwich.

†G. Natural History Club. Botany of the district [by F. Currey].
[Lond. 1868.] 8°. (See also page 254.)

Hereford.

*†Woolhope Club. Reports. Hereford, 1867, etc. 8°.—>

High Wycombe.

†H. W. Natural History Society. Quarterly Magazine. Wycombe,
[1866-70]. 2 vols. 8°.

Edited by J. Britten.

Lewes.

†L. Natural History Society. Ann. Report, 1865, etc. 8°.

The title as given by Scudder, p. 30, No. 487, is grievously wrong.

Liverpool.

†L. Natural History Society. Report. 1840. 8°.

†L. Naturalists' Field Club. Journal, 1866. 8°.

†—— Proceedings, 1870, etc. 8°.—>

†—— Reports, 1860, etc. 8°.—>

London.

†Botanical Society. Proceedings, Vol. i. pt. 1. 1836-8. 8°.

†—— "Non desiderata." Lond. 1843. 8°.

A list of plants which were not to be sent for exchange.

Ray Society. Reports and Papers on Botany, 1846, 1849. 8°.

†—— Reports on the Progress of . . . Botany, 1841-2 (1845). 8°.

Various other vols. given under the names of their respective authors.

*†The London Botanical Exchange Club. Reports. 1867, etc.
8°.—>

A continuation of the Thirsk Club, see page 458; the reports contain much critical botany.

†South London Microsc. and Nat. Hist. Club. Ann. Report, 1872, etc. 8°.→

The Report for 1879 has a list of local plants.

†West London Scientific Association and Field Club. Ann. Report, 1876, etc. 8°.→

†——— Proceedings, 1875. 8°.→

†Botanical Record Club. Reports. Lond. 1873, etc. 8°.→
“1st Quinquennial Volume,” 1878. 8°.

Intended to supplement the lists in Watson's Topographical Botany, see page 230.

†British Association. Reports. Lond. 1833, etc. 8°.→

†——— Index, 1831-60. Lond. 1864. 8°.

*†Linnean Society. Trans. Lond. 1791-1875. 30 vols. 4°.

Index to Vols. i.-xv. [by G. Bentham]. Lond. 1867. 4°.

†——— Proceedings. Lond. 1849-78. 8°.

*†——— Journal. Lond. 1857-65. 8 vols. 8°.

*†——— Id. New Series, Botany. 1865, etc. 8°.→

†Medico-Botanical Society. Trans. Lond. 1828-39. 8°.

†Palaeontographical Society. Lond. 1847, etc. 4°.→

Various works which are usually cited as Monographs.

†Royal Botanic Society. Quarterly Record, Jan. to March, 1880. 8°.

†Royal Society. Phil. Trans. Lond. 1665. 4°.→

†——— Abridgment (1665-1800). Lond. 1809. 18 vols. 4°.

†——— Index to Vols. 1-70, (by P. H. Maty.) Lond. 1787. 4°.

†——— Id. Continuation, Vols. 71-120. Lond. 1821. 4°.

See also Scudder, pp. 26, 27. The early numbers contain a good deal of Botany, but for the last century comparatively little has appeared.

Maidstone.

†M. and Mid-Kent Nat. Hist. . . . Society. Trans. 1870. 8°.

Malvern.

†M. Naturalists' Field Club. Trans. Worcester, 1854-8. 8°.

†——— Id. 1863-70. 8°.

Manchester.

†M. Field Naturalists' Society. Reports, 1868, etc. 8°.→

Newbury.

†N. District Field Club. Trans. 1870-1. 8°.

The single part issued contains, Contributions to the Flora of Berkshire, by J. Britten.

Newcastle.

†Natural Hist. Soc. of Northumberland, Durham and Newcastle.
Reports. Newcastle, 1830-46. 8°.

†——— Trans. Newcastle, 1865, etc. 8°.—→

†Tyneside Naturalists' Field Club. Trans. Newc.-on-Tyne,
1850-64. 6 vols. 8°.

For later series, see last entry, Nat. Hist. Soc. 1865, etc.

Norwich.

†Norfolk and N. Naturalists' Society. Trans. Norwich, 1869,
etc. 8°.—→

Oswestry.

†O. and Welshpool Naturalists' Field Club. Reports, 1857-64. 8°.

Oxford.

†Botanical and Natural History Society. Report. 1832. 8°.

Penzance.

†Natural History and Antiquarian Soc. Report [1848], etc. 8°.—→

Plymouth.

†P. Institution and Devon and Cornwall Nat. Hist. Society. Trans.
1855, etc. 8°.—→

Reigate.

†Holmesdale Nat. Hist. Club. Proceedings, 1865-75. 3 vols. 8°.
None published from 1867 to 1872.

Shrewsbury.

†Shropshire and North Wales Nat. Hist. and Antiq. Soc. Reports.
1835, etc. 8°.—→

†Caradoc Field Club for the Study of Nat. Hist. in Shropshire.
Proceedings, 1869. 12°.

Stafford.

†North Staffordshire Nat. Field Club. Reports, 1866, etc. 8°.—→

Teignmouth.

†Teign Naturalists' Field Club. Rep. of Proceedings, 1859, etc.
8°.—→

Thirsk.

†T. Natural History Society. Botanical Exchange Club. Thirsk,
1859?-66. 8°.

I have not been able to ascertain the date of the first annual report; a list of desiderata was issued in 1858; continued as London Botanical Exchange Club, see page 456.

Warwick.

† Warwickshire Natural History and Archaeological Society. Report, 1837, etc. 8°.—→

† Warwickshire Naturalists' and Archaeologists' Field Club. Report of Proceedings, 1838, etc. 8°.—→

This is distinct from the preceding.

Watford.

† W. Natural History Society and Field Club. Trans. Lond. 1875-80. 2 vols. 8°. Continued as the

† Hertfordshire Natural History Society and Field Club. Trans. Lond. 1880. 8°.—→

Wellington.

† Severn Valley Naturalists' Field Club. Trans. 1865-70. 8°.

Wigan.

† W. Field Naturalists' Scientific Society. Report. 1871, etc. 8°.

Winchester.

† W. and Hampshire Scientific and Literary Society. Reports, 1870, etc. 8°.—→

† ——— Journal, 1869, etc. 8°.—→

The Report for 1870-1 contains a list of local plants.

York.

† Yorkshire Philosophical Society. Proc. York, 1847-54. 8°.

† ——— Trans. York, 1870. 8°.—→

† West Riding consolidated Naturalists' Society, (*afterwards styled*, The Yorkshire Naturalists' Union.) The Naturalist, Journal of the, 1862-4. 3 vols. 8°.

† ——— The Naturalist . . . and Manual of Exchange in all departments of Natural History. Lond. 1865-6. 2 vols. 8°.

Edited by [C. P. Hobkirk & G. Tindall, of Huddersfield].

† ——— The Yorkshire Naturalists' Recorder, 1867-75. 9 vols. 8°.

† ——— The Naturalist . . . and General Field Club Record. Lond. 1876, etc.—→

Edited by C. P. Hobkirk & G. T. Porritt.

† Yorkshire Naturalists' Club. Proceedings, 1869. 8°.

SCOTLAND.

† Cryptogamic Soc. of Scotland. Report, 1875, etc. 8°.

This holds its meetings in various parts of the country.

Edinburgh.

- ‡Botanical Society. Ann. Reports. Edinb. 1837-44. 8°.
 ‡——— Trans. Edinb. 1844, etc. 8°.→
 ‡Wernerian Natural History Society. Memoirs. Edinb. 1808-39.
 8 vols. 8°.
 ‡Royal Society of E. Trans. 1788, etc. 4°.→
 ‡Scottish Botanical Alpine Club. Proc. 1872. 8°.

Glasgow.

- ‡G. Society of Field Naturalists. Trans. 1872, etc. 8°.→
 ‡Natural History Society. Proceedings, 1868, etc. 8°.→

Orkney.

- ‡Natural Hist. Society. Report. Edinb. 1839. 8°.

Perth.

- ‡Perthshire Society of Natural Science. Proceedings, 1869, etc.
 8°.→
 ‡——— Report of Ann. Meeting, 1875, etc. 8°.→
 The Scottish Naturalist, see page 474.

IRELAND.**Dublin.**

- ‡Natural History Society. Report. Dubl. 1839-44. 8°.
 ‡——— Proceedings. 1849-71. 6 vols. 8vo.
 See also Nat. Hist. Review (London), on page 473.
 ‡Royal Irish Academy. Proceedings, 1836-69. Dublin, 1841-70.
 10 vols. 8°. 2nd Ser. 1869, etc.→
 ‡——— Transactions. 1787-1859. 23 vols. 4°. Index, 1787-
 1813. 2nd Ser., Science, Vol. 24, etc. 1860, etc.→
 ‡University . . . Botanical Association. Proc. Dubl. 1858-60. 8°.
 (Subsequently = Dublin Univ. Natural Science Association, after-
 wards merged in the Nat. Hist. Soc. of Dublin.)

AUSTRIA.**Budapest.**

- ‡Magyar nemzeti muzeum. Természetrájsi füzetek. 1877, etc.
 8°.→
 Edited by O. Herman, assisted by V. von Janka, J. von Frivaldsky,
 and J. Krenner.

Prague.

†Verhandlungen der Gesellschaft der Vaterlandischen Museums in
Boehmer . . . Prag. 1832. 8°.

List of Members, with discourses by Presl and others.

Vienna.

†Oesterreichische Lit. der . . . Botanik . . . fuer 1850-3. Wien,
1855. 8°.

†Gartenbau-Gesellschaft des oesterreichischen Kaiserstaates. Botan-
ischer Archiv. 1837. 4°.

†Annalen des Wiener Museums der Naturgeschichte. Wien,
1835-40. 2 vols. 4°.

†Abhandl. phytologische . . . Wiener Museums. . . Wien, 1841. 4°.
Contributions by Bentham, Endlicher, Fenzl, and Unger.

†Verhandlungen des . . . botanische Vereins in Wien. Wien,
1851, etc. 8°.—>

†Zoologisch-Botanischer Verein. Verhandl. Wien, 1852, etc. 8°.—>
Indexes, vols. i.-v. (1857), vi.-x. (1862), xi.-xx. (1872).

†Separat-abdruck Natur- . . . liche Abhandlungen . . . Zool.
Bot. Vereins in Wien. Wien, 1856. 8°.

†WIESNER (J.). Arbeiten des pflanzenphysiologischen Institutes
der K. K. Wiener Universitaet. Wien, 1874. 8°.

†Kaiserliche Akademie der Wissenschaften. Sitzungsberichte,
1848, etc. 8°.—>
Register, vols. i.-lxiv. (1848-71), 1872.

BELGIUM.

Antwerp.

†Société phytologique d'Anvers. Annales. Anvers, 1864, etc. 8°.—>

Brussels.

†Academie royale des sciences . . . Bulletin, 1832-56. 8°.

†—— (Series II.) 1857, etc.—>

†—— Mémoires, 1840, etc.—>

See also Scudder, p. 62.

†Société royale de botanique de Belgique. Bulletin, 1862, etc. 8°.—>

†Soc. royale linnéenne de Bruxelles. Bulletin, 1871, etc. 8°.—>

Ghent.

†Société royale d'agric. et de botanique de Gand. Annales,
Gand, 1845-8. 4 vols. 8°.

Edited by C. Morren.

Luxemburg.

†Société botanique du Grand-Duché de Luxembourg. Mémoires, 1874, etc. 8°.→

FRANCE.**Aigle.**

†Société murithienne. Bulletin, 1868, etc. 8°.→

Amiens.

†Soc. linnéenne du nord de la France. Bulletin, 1840-5. 8°.

†—— Bulletin mensuel, 1872, etc. 8°.→

†—— Mémoires, 1867, etc. 8°.→

Angers.

†Société linnéenne de Maine et Loire. Annales, 1853, etc. 8°.→

Autun.

†Société eduenne. Annales, 1860-4. 2 vols. 8°.

†—— Mémoires, 1837-68. 23 vols. 4° and 8°. II. 1872, etc. 8°.→

†—— Mémoires d'histoire naturelle, 1865-6. 2 vols. 8°.

Beauvais.

†Soc. d'horticulture et de botanique. Bulletin, 1864. 8°.

Bordeaux.

†Soc. linnéenne. Actes, 1830-8. 7 vols. 8°. II. 1839-55. 10 vols. III. 1856-76. 10 vols. IV. 1876, etc.→

Caen.

†Société linnéenne de Calvados (*afterwards* Soc. linn. de Normandie). Mémoires, 1824-8. 4 vols. 8°.

†—— Mémoires, II. 1835-73. 12 vols. 4°.

†Bulletin, 1856-66. 10 vols. 8°. II. 1868-76. 10 vols. III. 1877. 8°.

Cherbourg.

†Soc. . . . des sciences naturelles. Mémoires, 1852-64. 10 vols. 8°. Sér. II. 1865-76. 10 vols. Sér. III. 1878.→

Grenoble.

†Société dauphinoise pour l'échange des plantes. Bulletin, 1873, etc. 8°.→

Havre.

†Cercle pratique d'horticulture et de botanique. Bulletin, 1859-62. 8°.

Lyons.

†Société botanique de Lyon. Annales. Lyon, 1871, etc. 8°.—→
 †Soc. linnéenne. Annales, 1836-52. 4 vols. 8°. II. 1852, etc.—→
 †—— Comptes rendus, 1839-44. 8°.

Montpellier.

†Société d'horticulture et de botanique de l'Hérault. Annales, 1860-8. 8 vols. 8°. II. 1868, etc.—→

Paris.

†Institut de France ; Académie royale des Sciences. Comptes-rendus. 1835, etc. 4°.—→

For full list, see Scudder, p. 95.

†Association française pour l'avancement des sciences. Comptes rendus. 1872. 8°.—→

†Museum d'histoire naturelle. Annales, 1802-13. 20 vols. 4°.

†—— Nouvelles annales, 1832-5. 4 vols. 4°.

†—— Archives, 1839-61. 10 vols. 4°.

†—— Sér. II. 1865-74. 10 vols.

*†Société botanique de France. Bulletin, 1854, etc. 8°.—→

†Société d'histoire naturelle. Actes, 1792. fol.

†—— Mémoires, 1823-34. 4°.

†Société linnéenne. Mémoires, 1822-7. 5 vols. Vol. vi. (Annales), 1827. 8°.

†—— Comptes rendus. 1821-26. 8°.

Rouen.

†Société des amis des sciences naturelles. Bulletin ? 1865. 8°.—→

St. Jean d'Angely.

†Société linnéenne de la Charente-Inférieure. Bulletin, 1874, etc. 18°.—→

Toulouse.

†Acad. . . des sciences . . . Mémoires. 1782, etc. 4°.—→

The present series is the seventh. See Scudder, p. 115.

GERMANY.

*†Academia caesarea leopoldino-carolina naturae curiosorum. Acta, 1727-54. 10 vols. 4°.

- *†Acad. caes. . . . nat. curiosorum. Nova acta, 1758-91. 8 vols.
4°. II. Vols. ix., etc. 1818, etc.—>

Published at various places in succession—Nuernberg, Bonn,
Breslau, Dresden, Regensburg, Halle.

Berlin.

- †Archiv fuer Naturgeschichte. 1835, etc. 8°.—>

Edited by A. F. A. Wiegmann, contains—Bericht ueber die
Leistungen in der geographischen und systematischen Botanik,
1847-54. See Scudder, p. 152, No. 2287 d, for further information.

- †Physiologisches Laboratorium der landw. Lehranstalt. Botanische
Untersuchungen, 1865-7. 8°.

- †Koen. Akademie der Wissenschaften. Abhandlungen, 1804, etc.
4°.—>

- †—— Monatsberichte, 1856, etc. 8°.—>

- †Inhaeltsverzeichniss der Abhandlungen der K. Ak. der Wissen-
schaften . . . Berlin, 1822-72. Berl. 1873. 8°.

Classified according to subjects.

Verhandlungen des Botanischen Vereins fuer die Mark Brandenburg.
Berlin, 1859, etc. 8°.—>

Bonn.

- †Botanischer Verein am Mittel- und Nieder-Rheine. Bonn, 1837-
41. 8°.

Brandenburg.

- †Schlesischen botan. Tausch-Verein. Verzeichniss, 1862, etc. 4°.—>

Carlsruhe.

- †Naturwissenschaftlicher Verein. Verhandl. 1864, etc. 4°.—>

Dresden.

- †Gesellschaft fuer Botanik und Gartenbau. Mittheilungen ueber
Flora. 1841-64. 3 vols. 8°.

Eberswalde.

- †DANCKELMANN (B.). Die Forstakademie Eberswalde von 1830 bis
1880. Berlin, 1880. 4°.

- †Festschrift fuer die funfzigjaehrige Jubelfeier der Forstacademie
Eberswalde. Berlin, 1880. 4°.

Eisenach.

- †Oekonomisch botanisches Garten-Journal. 1795-1804. 5 vols. 8°.

Goettingen.

- † *Untersuchungen aus dem botanischen Laboratorium der Universitaet Goettingen.* Berlin, 1879, etc. 8°.→
 Edited by J. Reinke.

Halle.

- † *Naturwissenschaftlicher Verein fuer Sachsen und Thueringen.* Abhandl. Berlin, 1848, etc. 4°.→
 † ——— *Zeitschrift.* Berlin, 1853–69. 34 vols. 8°.→
 See also Scudder, pp. 182-3.

Hamburg.

- † *Natur Verein.* Abhandl. Hamb. 1856. 4°.

Kiel.

- † *Naturw. Vereins fuer Schleswig Holstein.* Schriften. 1873, etc. 8°.→

Leipzig.

- † *Soc. naturae scrutatorum.* Acta (Schriften). Lips. 1822. 4°.

Muenchen.

- *† *HARTIG (R.).* Unters. aus dem forstbotanischen Institut zu Muenchen. Berlin, 1880. 4°.

Palatinate (The).

- † *Pollichia; Jahresbericht.* Landau, Duerckheim und Neustadt. 1843–68. 27 vols. 8°.

Regensburg.

- † *Koen. Baierische botanische Gesellschaft.* Flora, see page 478.
 For an account of the fourteen different issues of this Society, see Scudder, p. 211, No. 3191.
 † *Regensburger botanische Gesellschaft.* Schriften, 1792. 8°.

Strassburg.

- † *Société d'histoire naturelle.* Mémoires. Paris, 1830–53. 4 vols. 4°.
 Subsequently the Soc. du museum d'histoire naturelle, and Soc. des sciences naturelles; vols. v., vi., Strassb. 1858-70.

Wuerzburg.

- *† *SACHS (J.).* Arbeiten des Botanisches Instituts in Wuerzburg. Leipzig, 1871, etc. 8°.→

Zwickau.

- † *Verein fuer Naturkunde.* Jahresb. 1873, etc. 8°.→

ITALY.**Catania.**

†Accad. Gioenia di scienze naturali. Atti. Catania, 1825, etc. 4°.→

Genoa.

†Commentatio della societa crittogamiologia italiana. Genova, 1861-5. 8°.→

Continued as Atti . . . Milano, 1878, etc., see below.

Milano.

†Societa crittog. italiana. Atti. 1878, etc. 8°.→

†Soc. italiana di scienze naturali. Atti. 1860, etc. 8°.→

†——— Memorie. 1865-71. 4°.

Naples.

†Reale accademia delle scienze . . . Atti. 1819-51. 6 vols. 4°.

†——— Memorie. 1852-57. 2 vols. 4°.

†——— Rendiconti. 1842-57. 14 vols. 8°.

See also Scudder, p. 130.

Pavia.

†GAROVAGLIO (S.). Archivio triennale del laboratio di botanica crittog. . . . di Pavia. Milano, 1874. 8°.

Sardinia.

†Giornale del laboratorio crittogamico et etnologico per lo studio dei parassiti vegetali ed animali delle piante fanerogame della Sardegna. Sassari, 1879. 8°.

Turin.

†Société royale. Miscellanea taurinensis, 1760-73. 4 vols. 4°.

For list of various publications and changes of name, see Scudder, p. 138; a full account will be found also in the British Museum Catalogue.

NETHERLANDS (The).**Hague (The).**

†Kon. zoologisch-botanisch genootschap. Verslag, 1864, etc. 4°.

Leyden.

†Vereenigen voor de nederlansche flora. Verslag, 1846-54. 8°.

†Soc. royale d'horticulture des Pays-bas. Annales d'horticulture et de botanique. Leide, 1858-62. 5 vols. 8°.

Edited by P. F. von Siebold and W. H. de Vriese.

RUSSIA.

Helsingfors.

- †Saellskapet pro fauna et flora fennica notiser ur foerhandlingar.
Helsingf. 1858, etc. 8°.—→
†—— Bihang, 1871, etc. 8°.—→
†Societas scientiarum fennicae. Acta. 1847, etc. 4°.—→

Kazan.

- †*Report on Proceedings of the Natural History Society of the Kazan University*, 1869–79. Kazan, 1879. 8°. Botanical papers, pp. 6-13, by N. F. Levakovsky.

Moscow.

- †Société impériale des naturalistes. Mémoires, 1806–23. 6 vols. 4°. A complete original set is rarely to be met with, as much of the impression perished by fire in 1812. Vol. i. was reprinted in 1811, and vols. i-iv. also in 1820.
†—— Nouveaux mémoires, 1829, etc. 4°.—→
†—— Bulletins, 1829, etc. 8°.—→

St. Petersburg.

- †Académie impériale des sciences. Bulletins, 1859, etc. 4°.—→
Mémoires, V. 1803–22. 11 vols. 4°. VII. 1859, etc.—→
For full list, see Scudder, pp. 245-6, Nos. 3706, 3707.
†*Trans. St. Petersburg Imperial Botanical Gardens*. See page 443, under its Latin title, Acti horti petrop. etc.

SCANDINAVIA.

DENMARK.

Copenhagen.

- †Naturhistorie Selskabet. Skrifter. Kjoeb. 1790–1810. 6 vols. 8°.
†Naturhistorie Foering. Videnskabelige Meddelelser. 1849–58. 10 vols. 8°. Ser. II. 1859–68. 10 vols. Ser. III. 1869, etc.—→
Register, 1849–68 (1870).
†Botaniske Foering. See page 480.

NORWAY.

Christiania.

- †Videnskabs Selskabet. Forhandlingar. 1858, etc. 8°.—→
†—— Id. Register, 1858–67 (1868).

SWEDEN.**Stockholm.**

†Kongl. svenska vetenskaps akademien. Handlingar, 1739–79. 40 vols. 8°. Register, i.–xv. (1755), xvi.–xxx. (1770), xxxi.–xl. (1780). Nya handlingar, 1780–1812. 33 vols. Register (1798, 1812). Handlingar [Ser. 3.] 1813–54. 43 vols. Plates. 4°. 1846. Register 1813–25 (1826). IV. 1855, etc. 4°.→ Bihang, 1872, etc. 8°.→ Register, 1739–1825 (1831).

For other publications of this Society, see Scudder, p. 44.

WIKSTROEM (J. E.). Jahresberichte der Koenigl. Schwedischen Akad. . . . der Botanik . . . Breslau, 1834–47. 15 vols. 8°.

†ANDERSSON (N. J.). Register oefver de till kongl. vetenskaps. akademien . . . Wikstroem-afgifna årsberaettelser i bot. . . . Stockh. 1852. 8°.

Upsala.

†Reg. soc. scientiarum . . . Acta. 1740–50. 4°.

†—— Nova acta. 4°. 1773–1850. Ser. III. 1851, etc.→

SPAIN.**Madrid.**

†Sociedad española de historia natural. Anales, 1872, etc. 8°.→

SWITZERLAND.**Basel.**

†Societas physico-medica . . . Acta helv. 1751–77. 8 vols. 4°.

†—— Nova acta helvetica 1787. 1 vol. 4°.

†Soc. helvetique des sciences naturelles. Actes, 1828, etc. 8°.→

See also Scudder, p. 140.

Geneva.

†Soc. d'histoire naturelle. Mémoires, 1821–65. 17 vols. 4°.

Lausanne.

†Soc. vaudoise des sciences naturelles. Bulletin, 1842, etc. 8°.

AFRICA.**Algeria.**

†Société des sciences physiques . . . Bulletin. Alger, 1864, etc. 8°.→

Mauritius.

- †Société d'histoire naturelle de l'île Maurice . . . Procès-verbal.
1842-5. (L. Bouton, Sec.) Maurice, 1846. 8°.
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Series, 1-27), W. J. & J. D. Hooker, and the latter alone.
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Nijmegen.

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SCANDINAVIA.**DENMARK.****Copenhagen.**

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 Neues Magazin fuer die Botanik . . . Zuerich, 1794. 8°.
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 SCHLEIDEN (M. J.), & C. NAEGLI. Zeitschrift fuer wissenschaft-
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Edited by J. M. Coulter.

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53-148.

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No issue between Oct. 1877, and Jan. 1878.

†—— Vol. iii. Jan.-Sept. 1878, Loganport. Oct., Lafayette.
Nov., Madison. Dec., Lafayette.

†—— Vol. iv. Jan.-Dec. 1879. Madison.
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†—— Vol. v. Jan.-Dec. 1880. Crawfordsville.→

I have been compelled to give this detailed account, since nothing
less would give a true idea of this migratory production.

CANADA.

Montreal.

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See also Scudder, p. 292.

CENTRAL AMERICA.**Mexico.**

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AUSTRALIA.**Hobart Town.**

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Natural History of Torbay, by Mrs. —. Griffiths, pp. 74-83.

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CORRIGENDA AND ADDITAMENTA.

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- xviii, line 22, for *passagio*, read *passaggio*; also p. 108, line 12.
 4 ,, 5 ,, Hepaticologicus, read Hepaticologiens; also p. 572, last line but two.
 10 ,, 19 ,, REGIUS, read RÉGUIB.
 11 ,, 15 ,, MARTINS, read MARTIUS.
 12 ,, 30 ,, § 107, read p. 407.
 13 ,, 12 ,, § 50, read p. 119.
 17 ,, 13, insert [DUPPA (R.)].
 33 ,, 15, for EHRHARD, read EHRHART.
 37 ,, 34 ,, Kingston, read Kingdon.
 44 ,, 18 ,, [1841], read [1839].
 45 ,, 38 ,, GOSTELMAN, read GOSSELMAN.
 47 ,, 27 ,, vaexverlden, read vaextverlden.
 49, last line but one, for DIETRICHSEN, read DIETRICHSON.
 51, line 23, read Lessons in Elementary Botany.
 53 ,, 3 from bottom, for UNVERRICHT (E.), read UNVERRICHT (C).
 55, last line but one, for MONTMAHON, read MONTMAHOU.
 59, line 9, delete Ed. 9., and after Tours insert 1844.
 60 ,, 30, for STRAUTZ, read STRANTZ.
 61 ,, 15 ,, Grundzuge, read Grundzuege.
 63 ,, 21 ,, GROENLAND, read GROENLUND.
 63, last line but one, for ANDERSEN, read ANDERSSON.
 66, line 24, for Anschauungs, read Anschauungs.
 72 ,, 6 ,, CHALONS, read CHALON; also p. 136, line 1, and p. 447, last line but two.
 81 ,, 20 ,, PFISTER, read PFITZER.
 83 ,, 31 ,, Wurzelanschwellungen, read Wurzelanschwellungen.
 89 ,, 21 ,, varis, read vasis.
 95 ,, 11 ,, Lebermoosporen, read Lebermoossporen.
 98 ,, 3 ,, HORNSCHURCH, read HORNSCHUCH.
 98 ,, 32 ,, Geschlechter, read Geschlechter.
 101 ,, 21 ,, maturazioni, read maturazione.
 106 ,, 25 ,, (A. T.), read (A. & T.).
 112 ,, 19 ,, Uster, read Usteri.
 119 ,, 28 ,, Ulmacae, read Ulmaceae.
 150 ,, 30, at end, insert 8°.
 151 ,, 16, for LESYCZYC, read LESZCZYC.
 156 ,, 2 ,, neuen, read neuern.
 156 ,, 22 ,, Pflanzenlebens, read Pflanzenleben.
 171 ,, 5 ,, Versuch reines systems, read Versuch eines Systems.
 179 ,, 23 ,, Suessevasserkalkes, read Suesswasserkalkes.
 181 ,, 11 ,, 1878, read 1872.
 184 ,, 30 ,, LENDUGER, read LEUDUGER.
 187 ,, 33 ,, fossil, read fossile.
 188 ,, 33 ,, Bluf, read Bjuf.
 190 ,, 24, delete Ed. 2.
 202 ,, 22, after Ed. 6., insert 1836.
 207 ,, 17, for Forsbotanik, read Forstbotanik.

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- 207, line 37, for Querschmitte, read Querschnitte.
 213 „ 26 „ VOIGHT, read VOIGT.
 214 „ 2 „ DIESBACH, read DIERBACH.
 224 „ 32 „ Gronow, read Grunow.
 225 „ 5 „ MARTIUS, read MARTINS.
 230 „ 35, after Glasgow insert 1848 ?
 232 „ 29, to be struck out.
 234 „ 34, for [1835], read [1828].
 241, after last line but three, insert †BRAITHWAITE (R.). Sphagnaceae britannicae.
 Lond. 1880. 8°. Announced in 1878 as ready, but not issued
 till the later date.
 247, line 20, for Ed. 1., read Ed. 2.
 247 „ 32 „ Hiberniae, read Hibernia.
 253, after last line, insert †PRYOR (R. A.). Notes on a proposed re-issue of the
 Flora of Hertfordshire. Hertford, 1875. 8°.
 257, lines 12-14, delete the entry accidentally duplicated here.
 261, line 11, Deakin has been suggested as the author instead of Forster.
 262 „ 16, Dryander has written in the Banksian Copy, “Thomas Furley
 Forster,” but both the brothers probably had a hand in it.
 263 „ 9, for Oersterreich (twice), read Oesterreich.
 268 „ 27 „ Kosteletzky, read Kosteletzky.
 278 „ 8 „ BONVIER, read BOUVIER.
 279 „ 14 „ Florale, read Florule.
 292 „ 4 „ MORRIÈRE, read MORIÈRE.
 293 „ 30 „ (G. A. F.), read (G. & F.).
 295 „ 13 „ Schuessel, read Schluessel.
 297 „ 14 „ REES, read REESS.
 300 „ 15 „ PETERMANN—Schlussel, read PETERMANN—Schluessel.
 307 „ 28 „ BOENNIGHAUSEN, read BOENNINGHAUSEN.
 310 „ 12 „ HEYNOLD, read HEYNHOLD.
 313, lines 1, 2, substitute this title, *Logos . . . hupo tou taktikou kathegetou tes*
 botanikes.
 316, after line 8, insert †———— Cronaca della briologia italiana. Genova, 1868.
 2 vols. 8°.
 317, line 24, for TERRACIANO, read TERRACCIANO.
 330, last line but two, for Ufim, read Ufa.
 335 „ „ „ four, for comprehensas, read comprehensae.
 337, lines 14 and 16, for Fimbo, read Funbo.
 337, line 30, for TROILUS, read TROILIUS.
 340, last line but three, for PLANELLOS, read PLANELLAS.
 344 „ 10 for MONTAUDON; read MONTANDON; an error from Pritzel, Thes. ed. 2.
 3056, see also 6391.
 344 „ 13 „ Bryognographische, read Bryogeographische.
 346 „ 4 „ for africanum, read africanarum.
 346 „ 25, delete P. Ascherson.
 351 „ 5, for Flora, read Florae.
 354 „ 12 „ americanum, read americanarum, an error copied from Pritzel,
 Thes., ed. 2. 7217.
 409 „ 4 „ botanique, read botaniques.
 420 „ 16 „ 1874, read 1847.
 427 „ 29 „ Garden, read Garten.
 480 „ 2 „ OUDMANS, read OUDEMANS.
 503 „ 2 „ MEYER, read MEYEN.

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